

XX Claim 73; Page 110; 126pp; English.

PS This sequence represents a primer used in the method of the invention for

XX the detection of the presence or absence of chromosomal abnormalities,

CC each abnormality being associated with a condition in a subject and each

CC being defined by at least one characteristic nucleic acid sequence. The

CC method comprises: (a) obtaining a sample of nucleic acids derived from a

CC subject which may harbour one of the chromosomal abnormalities; (b)

CC subjecting the sample to a multiplex molecular amplification (MMA)

CC procedure, where a number of the characteristic sequences, if present in

CC a sufficient amount, will be amplified; (c) retrieving the product(s)

CC from step (b), and detecting the presence and/or absence of an amplicon

CC characteristic of the abnormal sequences to detect the presence or

CC absence of corresponding chromosomal abnormalities; where the MMA

CC procedure comprises the use of at least 7 mutually distinct primers (MDP)

CC in one single reaction mixture, each of the primers defining an end of at

CC least one characteristic nucleic acid sequence, and where at least one of

CC the primers defines the first end of at least two characteristic nucleic

CC acid sequences, the characteristic nucleic acid sequences each being

CC determined in their opposite ends by MDP selected from the remainder of

CC the MDP. The methods can be used for detecting chromosomal abnormalities

CC associated with diseases including numerous leukaemia's, lymphoma's,

CC carcinoma's, adenocarcinoma's, sarcoma's, glioma's, neuroblastoma's,

CC medullablastoma, malignant melanoma, and malignant neoplastic conditions

XX

SQ Sequence 13 BP; 2 A; 6 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943

DB 2 TCCTCTTCA 10

RESULT 2777

AAV13242

ID AAV13242 standard; DNA; 13 BP.

XX

AC AAV13242;

XX

DT 14-MAY-1998 (first entry)

XX

DE Probe used in DNA sequencing method.

XX

KW DNA sequencing; probe ligation; probe cleavage; probe; ss.

XX

OS Synthetic.

XX

PN US5714330-A.

XX

PD 03-FEB-1998.

XX

PF 21-JUN-1996; 96US-00667689.

XX

PR 04-APR-1994; 94US-00222300.

XX

PR 25-JUL-1994; 94US-00280441.

XX

PR 24-MAR-1995; 95US-00410116.

XX

XX (LYNX-) LYNX THERAPEUTICS INC.

XX

PI Dubridge RB, Brenner S;

XX

DR WPI; 1998-144279/13.

XX

PT DNA sequencing method - by stepwise probe ligation and cleavage.

XX

PS Example 5; Col 26; 43pp; English.

XX

CC The present sequence was used in the development of a novel method for

CC the determination of a nucleotide sequence of a polynucleotide (PN). The

CC method comprises: (a) ligating a probe to an end of a PN, the probe

CC having a nuclease recognition site of a nuclease whose cleavage site is

CC separate from its recognition site, and the PN having been replicated in

CC the presence of 5-methyldeoxycytidine triphosphate; (b) identifying at

CC least one nucleotide at the end of the PN by the identity of the probe

CC ligated to it or by extending a strand of the PN or probe; (c) cleaving

CC the PN with a nuclease recognising the nuclease recognition site of the

CC probe so that the PN is shortened by one or more nucleotides; and (d)

CC repeating steps (a) to (c) until the nucleotide sequence of the PN is

CC determined. The method avoids electrophoretic separation of similarly

CC sized DNA fragments and problems associated with the detection and

CC analysis of overlapping bands of DNA fragments in the gel, and obviates

CC the need to generate DNA fragments from long single stranded templates

CC with a DNA polymerase

XX

SQ Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943

DB 5 TCCTCTTCA 13

RESULT 2778

AAV34128

ID AAV34128 standard; DNA; 13 BP.

XX

AC AAV34128;

XX

DT 02-FEB-1999 (first entry)

XX

DE Oligonucleotide #24 for novel DNA sequencing method.

XX

KW Oligomer; nucleotide sequencing; ligation; probe; hybridisation;

XX

XX type IIS restriction endonuclease; recognition site; cleavage; ss.

XX

OS Synthetic.

XX

PN US5831065-A.

XX

PD 03-NOV-1998.

XX

PF 11-SEP-1996; 96US-00712011.

XX

PR 04-APR-1994; 94US-00222300.

XX

PR 25-JUL-1994; 94US-00280441.

XX

PR 24-MAR-1995; 95US-00410116.

XX

PR 07-JUN-1995; 95US-00478239.

XX

XX (LYNX-) LYNX THERAPEUTICS INC.

XX

PI Brenner S;

XX

DR WPI; 1998-609330/51.

XX

PT Kits for DNA sequencing - contains components for a stepwise ligation and

XX

XX cleavage sequencing procedure.

XX

PS Example 5; Col 33; 39pp; English.

XX

CC Oligomers AAV34105-V34144 are used in kits for a method for determining

CC the nucleotide sequence of a polynucleotide. The method comprises

CC ligating a probe to the end of a polynucleotide to form a ligated

CC complex, the probe having a type IIS restriction endonuclease recognition

CC site positioned so that the endonuclease cleaves the ligated complex, but

CC not the probe. The probe used is partially double stranded, with an

CC overhang which hybridises to the target sequence. The sequence of the

CC probe is such that on hybridisation and recognition of the endonuclease

CC site, the endonuclease actually cleaves the target sequence one base from

CC the terminus, and not at the recognition site of the probe. In this

CC manner, through repeated rounds of hybridisation and cleavage, the
 CC sequence of the target can eventually be deduced

XX Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCA 943
 Db 5 TCCTCTTCA 13

RESULT 2779

AXX00579
 ID AAX00579 standard; DNA; 13 BP.

XX AC AAX00579;

DT 30-MAR-1999 (first entry)

DE Probe (B) for detecting zygosity by ligation and cleavage.

XX Zygosity; genetic locus; allele; ligation; probe; nuclease; overhang;
 KW recognition site; cleavage; ds.

XX Synthetic.

XX US956093-A.

XX 05-JAN-1999.

XX 07-JUN-1995; 95US-00478239.

XX 04-APR-1994; 94US-00222300.

XX 25-JUL-1994; 94US-00280441.

XX 24-MAR-1995; 95US-00410116.

XX (LYNX-) LYNX THERAPEUTICS INC.

XX Brenner S;

XX WPI; 1999-105093/09.

XX Determination of zygosity - by DNA sequencing method comprises repeated
 PT probe ligation and cleavage.

XX Example 5; Col 21; 40pp; English.

XX Oligonucleotides AAX00556-X00595 are used in a method of determining the
 CC zygosity of an individual at a predetermined genetic locus having several
 CC allelic forms of DNA. The method comprises ligating a probe having a
 CC protruding strand and a nuclease recognition site to one end of each
 CC polynucleotide (containing a protruding and recessed end) in a sample of
 CC DNA from the predetermined genetic locus, to form one or more ligated
 CC complexes, (the ligated complexes being formed only from those probes
 CC whose protruding strands form perfectly matched duplexes with the
 CC protruding strands of the polynucleotides of the sample), and the
 CC nuclease recognition site being of a nuclease whose cleavage site is
 CC separate from its recognition site; (c) identifying the type and relative
 CC abundance of nucleotides in the protruding strand of the polynucleotide
 CC by the identity of the probe; (d) cleaving the ligated complexes with the
 CC nuclease that recognises the nuclease recognition site and cuts the
 CC ligated complexes to give an augmented probe and a new protruding strand
 CC on the polynucleotide; and (e) repeating steps (b) to (d) until the
 CC nucleotide sequences of the polynucleotides of the genetic locus are
 CC determined, thereby determining the zygosity of the individual

XX Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 935 TCCTCTTCA 943
 Db 5 TCCTCTTCA 13

RESULT 2780

AAZ92440
 ID AAZ92440 standard; DNA; 13 BP.

XX AC AAZ92440;

XX 05-JUN-2000 (first entry)

XX Rhizoctonia sp. PCR primer #10.

XX Antifungal; biocontrol; binucleate; non-pathogenic fungus;
 KW strain identification; classification; internal transcribed spacer;
 KW ITS region; 5.8s region; ribosomal; PCR primer; ss.

XX Rhizoctonia sp.

XX WO200004779-A1.

XX 03-FEB-2000.

XX 23-JUL-1999; 99WO-GB002406.

XX 24-JUL-1998; 98GB-00016265.

XX (TECN-) INST TECNICO AGRONOMICO PROVINCIAL SA.

XX (RUFF/) RUFFLES G K.

XX Rubio Susan V, Salazar Torres O, Julian Esquivias M;
 PI Gonzales Garcia V, Gomez-Acebo Gullon E, Munoz Gomez R;
 PI Lopez Corcoles H;

XX WPI; 2000-182492/16.

XX Protection of plants including tomato, pepper, lettuce, radish, parsley,
 PT sugar beet, rape, and onions against pathogenic fungi, uses a binucleate
 PT Rhizoctonia strain for biocontrol.

XX Claim 10; Page 15; 12lpp; English.

XX The invention relates to a novel method of protecting plants from
 CC pathogenic fungi. The method comprises biocontrol of pathogenic fungi via
 CC the use of a non-pathogenic, binucleate Rhizoctonia strain. The
 CC binucleate Rhizoctonia is selected by molecular detection of certain
 CC internal transcribed spacer (ITS)-5.8s ribosomal DNA sequences (AAZ92445-
 CC AAZ92458), which vary between strains of these fungi. The invention also
 CC encompasses a concentrate for use in plant protection containing viable
 CC material from the binucleate Rhizoctonia strains of the invention, and
 CC primers (AAZ92437-292444) for identifying these strains. The strains of
 CC the invention are used as biocontrol agents for related pathogenic fungi.
 CC Binucleate Rhizoctonia isolate Eab-F2 was tested for its ability to
 CC protect tomato seedlings from the pathogenic Rhizoctonia strain Me8.2.

XX The Rhizoctonia strains were inoculated either simultaneously or
 CC consecutively (the binucleate strain followed by the pathogenic strain),
 CC and the protection effect indicated by the degree of infected vegetal
 CC surface. The binucleate strain was found to provide protection against
 CC the pathogenic strain when it had been allowed to colonise the vegetal
 CC surface prior to pathogenic fungal infection (i.e., consecutive
 CC inoculation), whereas no protection was provided when both strains were
 CC inoculated simultaneously. The method of the invention may be used to
 CC protect a wide variety of plants from pathogenic fungal infection. Plants
 CC that may be protected include vegetables, crops such as oilseed rape,
 CC sugar beet and alfalfa, trees and ornamental plants. The method is
 CC reliable and provides economical biocontrol of diseases caused by
 CC Rhizoctonia solani. Sequences AAZ92431-292444 represent PCR primers which
 CC may be used to identify and distinguish strains of Rhizoctonia on the
 CC basis of their ITS sequences, thereby classifying their pathogenicity

XX SQ Sequence 13 BP; 2 A; 2 C; 3 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 938 TCTTCATTG 946
| | | | |
Db 2 TCTTCATTG 10
RESULT 2781
AAZ65642
ID AAZ65642 standard; DNA; 13 BP.
XX AC AAZ65642;
XX 30-MAR-2000 (first entry)
XX Immunosuppressant inhibitor oligonucleotide TGF-beta-3-rwk-16.
XX Immunosuppressant inhibitor; transforming growth factor beta; TGF beta;
KW vascular endothelial growth factor; VEGF; interleukin-10; IL-10; cancer;
KW prostaglandin E2; PGE2; immune response; tumour; asthma; Crohn's disease;
KW monocyte chemoattractant protein-1; MCP-1; ulcerative colitis; diabetes;
KW glomerulonephritis; acute respiratory distress syndrome; ss;
KW atherosclerosis.
XX OS Unidentified.
XX WO9963975-A2.
XX 16-DEC-1999.
XX 10-JUN-1999; 99WO-EP004013.
XX 10-JUN-1998; 98EP-00110709.
XX 25-JUL-1998; 98EP-00113974.
XX (BIOG-) BIOGNOSTIK GDS BIOMOLEKULARE DIAGNOSTIK.
XX Schlingensiepen K, Schlingensiepen R, Brysch W;
XX WPI; 2000-097470/08.
XX Composition containing immune stimulant and inhibitor of agent that
PT adversely affects the immune response, for treating cancers and
PT infections.
XX Claim 10; Fig 1; 30pp; English.
XX This sequence is an immunosuppressant inhibitor oligonucleotide, which is
CC used in the invention. The invention relates to a composition which
CC contains at least one inhibitor (less than 100 kD) of a substance (e.g.
CC transforming growth factor TGF-beta, vascular endothelial growth factor
CC VEGF, interleukin-10 IL-10, prostaglandin E2 PGE2, or their receptors)
CC that adversely affects the immune response. The composition also includes
CC at least one stimulant that positively affects the immune response. This
CC oligonucleotide is an example of an inhibitor that is used in the
CC composition. The composition is used as an immunostimulant for the
CC treatment of neoplasms and infections, particularly hyperproliferation;
CC leukaemia; (non-)Hodgkin's lymphoma; carcinoma (of oesophagus, bronchi,
CC breast, ovary, cervix, endometrium, prostate or bladder), liver tumours,
CC colon-rectum, stomach, intestine, gall bladder or duct, pancreas, anus,
CC malignant melanoma, brain tumours and sarcomas. The oligonucleotides,
CC most of which are directed against TGFbeta or VEGF, are inhibitors of
CC monocyte chemoattractant protein-1 (MCP-1) and are useful as anti-
CC inflammatory for treating e.g. asthma, Crohn's disease, ulcerative
CC colitis, diabetes, glomerulonephritis, acute respiratory distress
CC syndrome and the formation of atherosclerotic plaque
XX Sequence 13 BP; 1 A; 2 C; 4 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTTCTTTGG 917
| | | | |
Db 4 TTTCTTTGG 12
RESULT 2782
ABC42713
ID ABC42713 standard; DNA; 13 BP.
XX AC ABC42713;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 42730 for detecting SNP TSC0012716.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 42730; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 3 A; 6 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 936 CCTCTTCAT 944
| | | | |
Db 2 CCTCTTCAT 10
RESULT 2783
ABC68634
ID ABC68634 standard; DNA; 13 BP.


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XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 6578; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 5 C; 0 G; 4 T; 0 U; 1 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCTCT 938
Db 4 ATCCCTCTCT 12
|||||

RESULT 2786
ABC57583/c
ID ABC57583 standard; DNA; 13 BP.
XX
AC ABC57583;
XX
XX 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 57600 for detecting SNP TSC0015534.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 57600; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 11 TTTAATGTA 3
|||||

RESULT 2787
ABC83127
ID ABC83127 standard; DNA; 13 BP.
XX
AC ABC83127;
XX
XX 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 83144 for detecting SNP TSC0020367.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 83144; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 3 C; 0 G; 5 T; 0 U; 1 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      924 CCTTTATC 932
Db      5 CCTTTATC 13

RESULT 2788
ABF09982
ID ABF09982 standard; DNA; 13 BP.
XX
AC ABF09982;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 109979 for detecting SNP TSC0027481.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 109979; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      948 TTTAATGTA 956
Db      4 TTTAATGTA 12

RESULT 2789
ABC86570/c
ID ABC86570 standard; DNA; 13 BP.
XX
AC ABC86570;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 63994 for detecting SNP TSC0016890.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PS Claim 1; SEQ ID NO 86587; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 7 G; 2 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      934 CTCCTCTTC 942
Db      11 CTCCTCTTC 3

RESULT 2790
ABC63977
ID ABC63977 standard; DNA; 13 BP.
XX
AC ABC63977;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 63994 for detecting SNP TSC0016890.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.

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XX PR 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 63994; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 956 ATCGCTACC 964
DB 4 ATCGCTACC 12
RESULT 2791
ABF16745/C
ID ABF16745 standard; DNA; 13 BP.
XX AC ABF16745;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 116742 for detecting SNP TSC0029208.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 63994; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 956 ATCGCTACC 964
DB 4 ATCGCTACC 12
RESULT 2791
ABF16745/C
ID ABF16745 standard; DNA; 13 BP.
XX AC ABF16745;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 116742 for detecting SNP TSC0029208.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
```

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PS Claim 1; SEQ ID NO 116742; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 5 A; 3 C; 0 G; 5 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 945 TGGTTTAAT 953
DB 11 TGGTTTAAT 3
RESULT 2792
ABF31468/C
ID ABF31468 standard; DNA; 13 BP.
XX AC ABF31468;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 131465 for detecting SNP TSC0032813.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 131465; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
```

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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 0 G; 5 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 81.8%; Pred. No. 1.5e+03;
  Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 947 GTTAATGAT 957
Db 13 RTTAATGAT 3

RESULT 2793
ABF32753/c
ID ABF32753 standard; DNA; 13 BP.
XX
AC ABF32753;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 132750 for detecting SNP TSC0033106.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
PS Claim 1; SEQ ID NO 132750; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 1 C; 0 G; 7 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGAT 957
Db 13 TTAATGAT 5

RESULT 2795
ABF42133/c
ID ABF42133 standard; DNA; 13 BP.
XX
AC ABF42133;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 142130 for detecting SNP TSC0035599.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

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XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 948 TTTAATGTA 956
XX DB 13 TTTAATGTA 5
XX
XX RESULT 2796
XX ABF42529/c
XX ID ABF42529 standard; DNA; 13 BP.
XX AC ABF42529;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 142526 for detecting SNP TSC0035729.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 5 A; 5 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 943 ATTGGTTTA 951
XX DB 10 ATTGGTTTA 2
XX
XX RESULT 2797
XX ABF69028
XX ID ABF69028 standard; DNA; 13 BP.
XX AC ABF69028;
XX XX
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 169025 for detecting SNP TSC0042240.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 169025; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 5 A; 5 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 943 ATTGGTTTA 951
XX DB 10 ATTGGTTTA 2
XX
XX RESULT 2797
XX ABF69028
XX ID ABF69028 standard; DNA; 13 BP.
XX AC ABF69028;
XX XX
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 169025 for detecting SNP TSC0042240.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 169025; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX designed to detect single-nucleotide polymorphisms (SNP)
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The

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CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 946 GGTTAATG 954
 Db 5 GGTTAATG 13
 |||||

RESULT 2798
 ABF69029/c
 ID ABF69029 standard; DNA; 13 BP.
 XX
 AC ABF69029;
 XX
 DT 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 169026 for detecting SNP TSC0042240.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.

XX WO200177384-A2.
 PN
 PD 18-OCT-2001.
 XX

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 169026; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 946 GGTTAATG 954
 Db 9 GGTTAATG 1
 |||||

RESULT 2799
 ABF99611/c
 ID ABF99611 standard; DNA; 13 BP.

XX AC ABF99611;
 XX
 DT 22-FEB-2002 (first entry)
 XX

DE Oligonucleotide SEQ ID NO 199608 for detecting SNP TSC0049105.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 199608; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATG 955
 Db 12 GTTAAATG 4
 |||||

RESULT 2800
 ABF50897
 ID ABF50897 standard; DNA; 13 BP.

XX ABF50897;


```
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 150894 for detecting SNP TSC0038091.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 150894; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 960 CTACCAACG 968
XX
XX Db 3 CTACCAACG 11
XX
XX
XX RESULT 2801
XX ABF54252/c
XX ID ABF54252 standard; DNA; 13 BP.
XX
XX AC ABF54252;
XX
XX XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 154249 for detecting SNP TSC0038993.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX
XX
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PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 154249; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 0 C; 5 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 930 ATCCCTCCT 938
XX
XX Db 12 ATCCCTCCT 4
XX
XX
XX RESULT 2802
XX ABF55774/c
XX ID ABF55774 standard; DNA; 13 BP.
XX
XX AC ABF55774;
XX
XX XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 155771 for detecting SNP TSC0039332.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX
```

PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 155771; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945
|||||

DB 13 CTCCTTCATT 5

RESULT 2803
ABF57869/C

ID ABF57869 standard; DNA; 13 BP.

XX AC ABF57869;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 157866 for detecting SNP TSC0039755.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 157866; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 3 C; 0 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955
|||||

DB 12 GTTTAATGT 4

RESULT 2804
ABH33439

ID ABH33439 standard; DNA; 13 BP.

XX AC ABH33439;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 233416 for detecting SNP TSC0056954.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 233416; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 6 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCC 937
|||||

Db 5 TATCCCTCC 13

RESULT 2805

ABH12772

ID ABH12772 standard; DNA; 13 BP.

XX AC

XX ABH12772;

DT 22-FEB-2002 (first entry)

XX

DE Oligonucleotide SEQ ID NO 212749 for detecting SNP TSC0051836.

XX

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

XX WO200177384-A2.

XX

XX 18-OCT-2001.

XX

XX 06-APR-2001; 2001WO-IB000713.

XX

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

XX WO200177384-A2.

XX

XX 18-OCT-2001.

XX

XX 06-APR-2001; 2001WO-IB000713.

XX

XX (EPIC-) EPIGENOMICS AG.

XX

XX Olek A, Piepenbrock C, Berlin K;

XX

XX WPI; 2001-657177/75.

XX

XX Set of oligonucleotides, useful for diagnosis and cell typing, is

XX designed to detect single-nucleotide polymorphisms and cytosine

XX methylation status.

XX

XX Claim 1; SEQ ID NO 212749; 29pp + Sequence Listing; German.

XX

XX This invention describes novel oligonucleotide primers or peptide nucleic

XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX and cytosine methylation status in chemically pretreated genomic DNA. The

XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX range of diseases including immune system, gastrointestinal, respiratory,

XX central nervous system, cardiovascular and metabolic disorders. The

XX oligomers are also used for detecting cell type differentiation. ABC00010

XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX represent the oligomers described in the invention. NOTE: The sequence

XX data for this patent did not form part of the printed specification, but

XX was obtained in electronic format from WIPO at

XX ftp.wipo.int/pub/published_pct_sequences

XX

XX Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

XX

XX Query Match 12.3%; Score 9; DB 1; Length 13;

XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;

XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955

Db 5 GTTTAATGT 13

|||||

RESULT 2806

ABF64048

ID ABF64048 standard; DNA; 13 BP.

XX AC

XX ABF64048;

XX

XX 22-FEB-2002 (first entry)

XX

DE Oligonucleotide SEQ ID NO 164045 for detecting SNP TSC0005349.

XX

KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

XX WO200177384-A2.

XX

XX 18-OCT-2001.

XX

XX 06-APR-2001; 2001WO-IB000713.

XX

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

XX WO200177384-A2.

XX

XX 18-OCT-2001.

XX

XX 06-APR-2001; 2001WO-IB000713.

XX

XX (EPIC-) EPIGENOMICS AG.

XX

XX Olek A, Piepenbrock C, Berlin K;

XX

XX WPI; 2001-657177/75.

XX

XX Set of oligonucleotides, useful for diagnosis and cell typing, is

XX designed to detect single-nucleotide polymorphisms and cytosine

XX methylation status.

XX

XX Claim 1; SEQ ID NO 164045; 29pp + Sequence Listing; German.

XX

XX This invention describes novel oligonucleotide primers or peptide nucleic

XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX and cytosine methylation status in chemically pretreated genomic DNA. The

XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX range of diseases including immune system, gastrointestinal, respiratory,

XX central nervous system, cardiovascular and metabolic disorders. The

XX oligomers are also used for detecting cell type differentiation. ABC00010

XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX represent the oligomers described in the invention. NOTE: The sequence

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XX was obtained in electronic format from WIPO at

XX ftp.wipo.int/pub/published_pct_sequences

XX

XX Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

XX

XX Query Match 12.3%; Score 9; DB 1; Length 13;

XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;

XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955

Db 3 GTTTAATGT 11

|||||

RESULT 2807

ABF92042/c

ID ABF92042 standard; DNA; 13 BP.

XX AC

XX ABF92042;

XX

XX 22-FEB-2002 (first entry)

XX

DE Oligonucleotide SEQ ID NO 192039 for detecting SNP TSC0047247.

XX

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

XX WO200177384-A2.

XX

XX 18-OCT-2001.

XX

XX 06-APR-2001; 2001WO-IB000713.

XX

XX 07-APR-2000; 2000DE-01019173.

XX (EPIC-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 192039; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 10 A; 0 C; 1 G; 1 T; 0 U; 1 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCCTTT 915
 DB 11 ATTTCCTTT 3
 RESULT 2808
 ABH62984/c
 ID ABH62984 standard; DNA; 13 BP.
 AC ABH62984;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 262961 for detecting SNP TSC0063801.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 XX (EPIC-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 262961; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 906 CATTTCTTT 914
 DB 13 CATTTCTTT 5
 RESULT 2809
 ABH64321
 ID ABH64321 standard; DNA; 13 BP.
 AC ABH64321;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 264298 for detecting SNP TSC0064041.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 XX (EPIC-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 264298; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

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SQ Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 960 CTACCAACG 968
Db 1 CTACCAACG 9
RESULT 2810
ABC42332
ID ABC42332 standard; DNA; 13 BP.
XX AC ABC42332;
AC ABC42332;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 42349 for detecting SNP TSC0012636.
DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 42349; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 4 TTAATGTAT 12
RESULT 2811
ABC94238/c
ID ABC94238 standard; DNA; 13 BP.
XX AC ABC94238;
AC ABC94238;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 94544 for detecting SNP TSC0023573.
DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS
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XX WO200177384-A2.
 XX PN
 XX 18-OCT-2001.
 XX PD
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX PF
 XX 07-APR-2000; 2000DE-01019173.
 XX PR
 XX (EPIG-) EPIGENOMICS AG.
 XX PA
 XX Olek A, Piepenbrock C, Berlin K;
 XX PI
 XX WPI; 2001-657177/75.
 XX DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX PT designed to detect single-nucleotide polymorphisms and cytosine
 XX PT methylation status.
 XX PS Claim 1; SEQ ID NO 94544; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX CC
 XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 9 TTTAATGTA 1
 |||||
 RESULT 2813
 ABC95566
 ID ABC95566 standard; DNA; 13 BP.
 XX AC ABC95566;
 XX AC
 XX 21-FEB-2002 (first entry)
 XX DT
 XX Oligonucleotide SEQ ID NO 95583 for detecting SNP TSC0023786.
 XX DE
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX OS
 XX WO200177384-A2.
 XX PN
 XX 18-OCT-2001.
 XX PD
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX PF
 XX 07-APR-2000; 2000DE-01019173.
 XX PR
 XX (EPIG-) EPIGENOMICS AG.
 XX PA
 XX Olek A, Piepenbrock C, Berlin K;
 XX PI
 XX WPI; 2001-657177/75.
 XX DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX PT designed to detect single-nucleotide polymorphisms and cytosine
 XX PT methylation status.
 XX PS Claim 1; SEQ ID NO 94544; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX CC
 XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 9 TTTAATGTA 1
 |||||
 RESULT 2813
 ABC95566
 ID ABC95566 standard; DNA; 13 BP.
 XX AC ABC95566;
 XX AC
 XX 21-FEB-2002 (first entry)
 XX DT
 XX Oligonucleotide SEQ ID NO 95583 for detecting SNP TSC0023786.
 XX DE
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX OS
 XX WO200177384-A2.
 XX PN
 XX 18-OCT-2001.
 XX PD
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX PF
 XX 07-APR-2000; 2000DE-01019173.
 XX PR
 XX (EPIG-) EPIGENOMICS AG.
 XX PA
 XX Olek A, Piepenbrock C, Berlin K;
 XX PI
 XX WPI; 2001-657177/75.
 XX DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX PT designed to detect single-nucleotide polymorphisms and cytosine
 XX PT methylation status.
 XX PS Claim 1; SEQ ID NO 95584; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX CC
 XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 943 ATTGGTTTA 951
 Db 5 ATTGGTTTA 13
 |||||

DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX PT designed to detect single-nucleotide polymorphisms and cytosine
 XX PT methylation status.
 XX PS Claim 1; SEQ ID NO 95583; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX CC
 XX Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 943 ATTGGTTTA 951
 Db 5 ATTGGTTTA 13
 |||||
 RESULT 2814
 ABC95567/C
 ID ABC95567 standard; DNA; 13 BP.
 XX AC ABC95567;
 XX AC
 XX 21-FEB-2002 (first entry)
 XX DT
 XX Oligonucleotide SEQ ID NO 95584 for detecting SNP TSC0023786.
 XX DE
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX OS
 XX WO200177384-A2.
 XX PN
 XX 18-OCT-2001.
 XX PD
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX PF
 XX 07-APR-2000; 2000DE-01019173.
 XX PR
 XX (EPIG-) EPIGENOMICS AG.
 XX PA
 XX Olek A, Piepenbrock C, Berlin K;
 XX PI
 XX WPI; 2001-657177/75.
 XX DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX PT designed to detect single-nucleotide polymorphisms and cytosine
 XX PT methylation status.
 XX PS Claim 1; SEQ ID NO 95584; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX CC
 XX Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 943 ATTGGTTTA 951
 Db 5 ATTGGTTTA 13
 |||||

CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
DB 9 ATTGGTTTA 1
|||||
9 ATTGGTTTA 1

RESULT 2815
ABC28027/C
ID ABC28027 standard; DNA; 13 BP.
XX
AC ABC28027;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 28044 for detecting SNP TSC0007916.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 28044; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 5 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 12 TTTAATGTA 4
|||||
12 TTTAATGTA 4

RESULT 2817
ABC05358
ID ABC05358 standard; DNA; 13 BP.
XX
AC ABC05358;
XX
DT 20-FEB-2002 (first entry)

QY 946 GGTTTAATG 954
DB 13 GGTTTAATG 5
|||||
13 GGTTTAATG 5

RESULT 2816
ABC54407/C
ID ABC54407 standard; DNA; 13 BP.
XX
AC ABC54407;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 54424 for detecting SNP TSC0014927.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 54424; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 12 TTTAATGTA 4
|||||
12 TTTAATGTA 4

RESULT 2817
ABC05358
ID ABC05358 standard; DNA; 13 BP.
XX
AC ABC05358;
XX
DT 20-FEB-2002 (first entry)

XX	Claim 1; SEQ ID NO 108509; 29pp + Sequence Listing; German.
XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
XX	Sequence 13 BP; 2 A; 1 C; 4 G; 6 T; 0 U; 0 Other;
XX	Query Match 12.3%; Score 9; DB 1; Length 13;
XX	Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX	Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	958 CGCTACCAA 966
DB	13 CGCTACCAA 5
RESULT 2820	
ABC34442	
ID	ABC34442 standard; DNA, 13 BP.
AC	ABC34442;
XX	
DT	20-FEB-2002 (first entry)
DE	Oligonucleotide SEQ ID NO 34459 for detecting SNP TSC0010989.
XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW	central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS	Homo sapiens.
XX	
FN	WO200177384-A2.
XX	
PD	18-OCT-2001.
XX	
PF	06-APR-2001; 2001WO-IB000713.
XX	
PR	07-APR-2000; 2000DE-01019173.
XX	(EPIG-) EPIGENOMICS AG.
PA	
XX	
PI	Olek A, Piepenbrock C, Berlin K;
XX	
DR	WI; 2001-657177/75.
XX	
PT	Set of oligonucleotides, useful for diagnosis and cell typing, is
PT	designed to detect single-nucleotide polymorphisms and cytosine
PT	methylation status.
XX	
PS	Claim 1; SEQ ID NO 34459; 29pp + Sequence Listing; German.
XX	
CC	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e-03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
SQ

Qy 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
|||||
|||||

RESULT 2821
ABC62783
ID ABC62783 standard; DNA; 13 BP.
XX
XX AC ABC62783;
XX
XX 21-FEB-2002 (first entry)
XX
XX
XX
DE Oligonucleotide SEQ ID NO 62800 for detecting SNP TSC0016627.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WC200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-1B000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 62800; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI92073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 3 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e-03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
SQ

Qy 926 TTTTATCCC 934
Db 5 TTTTATCCC 13
|||||
|||||

1970

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RESULT 2822
ABC63293/C
ID ABC63293 standard; DNA; 13 BP.
XX
AC ABC63293;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 63310 for detecting SNP TSC0016726.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 63310; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955
DB 13 GTTTAATGT 5

RESULT 2823
ABF14655/C
ID ABF14655 standard; DNA; 13 BP.
XX
AC ABF14655;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 114652 for detecting SNP TSC0028702.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

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KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 114652; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
DB 10 TTGGTTTAA 2

RESULT 2824
ABF15154
ID ABF15154 standard; DNA; 13 BP.
XX
AC ABF15154;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 115151 for detecting SNP TSC0028850.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.

```

XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 115151; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 0 C; 2 G; 9 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGT 918
Db 3 TTTTATTGGY 13
RESULT 2825
ABF16824/C
ID ABF16824 standard; DNA; 13 BP.
XX AC ABF16824;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 116821 for detecting SNP TSC0029233.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 116821; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 7 G; 2 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 931 TCCCTCCTC 939
Db 10 TCCCTCCTC 2
RESULT 2826
ABF16828/C
ID ABF16828 standard; DNA; 13 BP.
XX AC ABF16828;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 116825 for detecting SNP TSC0029233.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 116825; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 1 C; 7 G; 1 T; 0 U; 1 Other;

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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCCTCCTC 939
Db 10 TCCCTCCTC 2

RESULT 2827
ABF27228
ID ABF27228 standard; DNA; 13 BP.
XX AC
XX ABF27228;
XX DT
XX 21-FEB-2002 (first entry)
XX DE
XX Oligonucleotide SEQ ID NO 127225 for detecting SNP TSC0031843.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS
XX Homo sapiens.
XX WO200177384-A2.
XX PN
XX 18-OCT-2001.
XX PD
XX 06-APR-2001; 2001WO-IB000713.
XX PF
XX 07-APR-2000; 2000DE-01019173.
XX PR
XX (EPIC-) EPIGENOMICS AG.
XX PA
XX Olek A, Piepenbrock C, Berlin K;
XX PI
XX WPI; 2001-657177/75.
XX DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PT
XX Claim 1; SEQ ID NO 127225; 29pp + Sequence Listing; German.
XX PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABT00010-ABT82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX CC
XX Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABT00010-ABT82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX CC
XX Query Match      12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTAA 952
Db 4 TTGGTTAA 12

RESULT 2828
ABF30874/c
ID ABF30874 standard; DNA; 13 BP.
XX AC
XX ABF30874;
XX DT
XX 21-FEB-2002 (first entry)
XX DE
XX Oligonucleotide SEQ ID NO 132749 for detecting SNP TSC0033106.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS
XX Homo sapiens.
XX WO200177384-A2.
XX PN

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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCT 935
Db 1 TTTATCCCT 9

RESULT 2832
ABH18783/C
ID ABH18783 standard; DNA; 13 BP.
XX
AC ABH18783;
XX
DT 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 218760 for detecting SNP TSC0053206.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 218760; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 4 C; 1 G; 0 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 81.8%; Pred. No. 1.5e+03;
  Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTC 919

```

```

Db 11 TTTCGTTGGTY 1
  ||||| |||||
  ||||| |||||

RESULT 2833
ABF69193
ID ABF69193 standard; DNA; 13 BP.
XX
AC ABF69193;
XX
DT 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 169190 for detecting SNP TSC0042274.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 169190; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTATCCCT 934
Db 5 TTTATCCCT 13

RESULT 2834
ABF6352
ID ABF6352 standard; DNA; 13 BP.
XX
AC ABF6352;
XX
DT 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 196349 for detecting SNP TSC0048329.

```


XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTTAT 957
DB 4 TTAATGTTAT 12
|||||

RESULT 2837
ABF74096/c
ID ABF74096 standard; DNA; 13 BP.
AC ABF74096;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 174093 for detecting SNP TSC0043318.
XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
XX Claim 1; SEQ ID NO 174093; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTTAT 957
DB 4 TTAATGTTAT 12
|||||

RESULT 2837
ABF74096/c
ID ABF74096 standard; DNA; 13 BP.
AC ABF74096;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 174093 for detecting SNP TSC0043318.
XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
XX Claim 1; SEQ ID NO 174093; 29pp + Sequence Listing; German.

XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
DB 13 CTTTATCC 5
|||||

RESULT 2838
ABF50939/c
ID ABF50939 standard; DNA; 13 BP.
XX
XX ABF50939;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 150936 for detecting SNP TSC0038101.
XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
XX Claim 1; SEQ ID NO 150936; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
DB 12 ATTGGTTTA 4
|||||

RESULT 2839


```
ABF79809
ID ABF79809 standard; DNA; 13 BP.
XX
AC ABF79809;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 179806 for detecting SNP TSC0044526.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 206788; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTTCTT 914
Db 1 CATTTTCTT 9
RESULT 2840
ABH06811/c
ID ABH06811 standard; DNA; 13 BP.
XX
AC ABH06811;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206788 for detecting SNP TSC0050594.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 179806; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTTCTT 914
Db 1 CATTTTCTT 9
RESULT 2840
ABH06811/c
ID ABH06811 standard; DNA; 13 BP.
XX
AC ABH06811;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206788 for detecting SNP TSC00005026.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATCT 955
Db 11 GTTTAATCT 3
|||||
RESULT 2844
ABF92043
ID ABF92043 standard; DNA; 13 BP.
XX AC ABF92043;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 192040 for detecting SNP TSC0047247.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 192040; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 1 C; 0 G; 10 T; 0 U; 1 Other;
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 1 C; 0 G; 10 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCTTT 915
Db 3 ATTTCTTT 11
|||||
RESULT 2845
ABH45813/C
ID ABH45813 standard; DNA; 13 BP.
XX AC ABH45813;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 257893 for detecting SNP TSC0007418.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 245790; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 943 ATTGGTTTA 951
Db 9 ATTGGTTTA 1
|||||
RESULT 2846
ABH57916
ID ABH57916 standard; DNA; 13 BP.
XX AC ABH57916;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 257893 for detecting SNP TSC0007418.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
```


CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATGT 955
|||||
Db 4 GTTAAATGT 12

RESULT 2849
ABC43717/c
ID ABC43717 standard; DNA; 13 BP.
XX
AC ABC43717;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 43734 for detecting SNP TSC0012908.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PS Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 43734; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
|||||
Db 12 ATTGGTTTA 4

RESULT 2850
ABC73752
ID ABC73752 standard; DNA; 13 BP.
XX
AC ABC73752;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 73769 for detecting SNP TSC0018997.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PS Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 73769; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
|||||
Db 5 TTGGTTTAA 13

RESULT 2851
ABC74363/c
ID ABC74363 standard; DNA; 13 BP.
XX
AC ABC74363;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 74380 for detecting SNP TSC0019118.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX Homo sapiens.
 XX
 XX WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
 XX
 XX PA (EPIG-) EPIGENOMICS AG.
 XX
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX
 XX DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 XX PS Claim 1; SEQ ID NO 74380; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 XX Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX QY 944 TTGGTTTAA 952
 XX 10 TTGGTTTAA 2
 XX
 XX RESULT 2852
 XX ABC32664
 XX ID ABC32664 standard; DNA; 13 BP.
 XX
 XX AC ABC32664;
 XX
 XX DT 20-FEB-2002 (first entry)
 XX
 XX DE Oligonucleotide SEQ ID NO 32681 for detecting SNP TSC0010212.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
 XX
 XX PS Claim 1; SEQ ID NO 84892; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic

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 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
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 XX PS Claim 1; SEQ ID NO 32681; 29pp + Sequence Listing; German.
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 CC and cytosine methylation status in chemically pretreated genomic DNA. The
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 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
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 XX
 XX Sequence 13 BP; 3 A; 0 C; 0 G; 9 T; 0 U; 1 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 XX
 XX QY 948 TTATATGATATC 958
 XX 3 TTATATATATY 13
 XX
 XX RESULT 2853
 XX ABC84875/c
 XX ID ABC84875 standard; DNA; 13 BP.
 XX
 XX AC ABC84875;
 XX
 XX DT 21-FEB-2002 (first entry)
 XX
 XX DE Oligonucleotide SEQ ID NO 84892 for detecting SNP TSC0021357.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
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 XX PD 18-OCT-2001.
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 XX PF 06-APR-2001; 2001WO-IB000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
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 XX PI Olek A, Piepenbrock C, Berlin K;
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 PT methylation status.
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CC and cytosine methylation status in chemically pretreated genomic DNA. The
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CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
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SQ Sequence 13 BP; 8 A; 2 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTCATC 958
Db 11 TTTAATGTCATC 1
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RESULT 2854
ABF10144
ID ABF10144 standard; DNA; 13 BP.
XX
AC ABF10144;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 110141 for detecting SNP TSC0027515.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
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PF 06-APR-2001; 2001WO-IB000713.
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PR 07-APR-2000; 2000DE-01019173.
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DR WPI; 2001-657177/75.
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PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
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PS Claim 1; SEQ ID NO 110141; 29pp + Sequence Listing; German.
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CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
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CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
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SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTCATC 958
Db 11 TTTAATGTCATC 1
|||||

RESULT 2854
ABF10144
ID ABF10144 standard; DNA; 13 BP.
XX
AC ABF10144;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 110141 for detecting SNP TSC0027515.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
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PD 18-OCT-2001.
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PF 06-APR-2001; 2001WO-IB000713.
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PR 07-APR-2000; 2000DE-01019173.
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PI Olek A, Piepenbrock C, Berlin K;
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DR WPI; 2001-657177/75.
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PT methylation status.
XX
PS Claim 1; SEQ ID NO 110141; 29pp + Sequence Listing; German.
XX
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CC and cytosine methylation status in chemically pretreated genomic DNA. The
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SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTCAT 957
Db 4 TTAATGTCAT 12
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RESULT 2855
ABC37554/C
ID ABC37554 standard; DNA; 13 BP.
XX
AC ABC37554;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 37571 for detecting SNP TSC0011694.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
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PR 07-APR-2000; 2000DE-01019173.
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PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
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PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 37571; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 10 ATTTCCTTT 2
|||||

RESULT 2856
ABF15968
ID ABF15968 standard; DNA; 13 BP.

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XX ABFI5968;
AC
XX
XX 21-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 115965 for detecting SNP TSC0029061.
DE
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
XX
XX 07-APR-2000; 2000DE-01019173.
PR
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
PT
XX
XX Claim 1; SEQ ID NO 115965; 29pp + Sequence Listing; German.
PS
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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SQ
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CC and cytosine methylation status in chemically pretreated genomic DNA. The
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XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. NO. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 909 TTCTTTGGTC 919
XX ||| |||||
XX 3 TTTTITGGT 13
XX
XX RESULT 2857
XX ABF27200
XX ID ABF27200 standard; DNA; 13 BP.
XX
XX AC ABF27200;
XX
XX 21-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 127197 for detecting SNP TSC0031833.
DE
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
XX
XX 07-APR-2000; 2000DE-01019173.
PR
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX
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PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
PT
XX
XX Claim 1; SEQ ID NO 115965; 29pp + Sequence Listing; German.
PS
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XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. NO. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 909 TTCTTTGGTC 919
XX ||| |||||
XX 3 TTTTITGGT 13
XX
XX RESULT 2857
XX ABF27200
XX ID ABF27200 standard; DNA; 13 BP.
XX
XX AC ABF27200;
XX
XX 21-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 127197 for detecting SNP TSC0031833.
DE
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
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XX 07-APR-2000; 2000DE-01019173.
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PI
XX WPI; 2001-657177/75.
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PN WO200177384-A2.
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XX Claim 1; SEQ ID NO 127197; 29pp + Sequence Listing; German.
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XX This invention describes novel oligonucleotide primers or peptide nucleic
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SQ
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XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. NO. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 945 TGGTTTAAAT 953
XX ||| |||||
XX 1 TGGTTTAAAT 9
XX
XX RESULT 2858
XX ABF31469
XX ID ABF31469 standard; DNA; 13 BP.
XX
XX AC ABF31469;
XX
XX 21-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 131466 for detecting SNP TSC0032813.
DE
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
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XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
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CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
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Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 947 GTTAAAGTAT 957
Db :|||||
1 RTTAAATTAT 11

RESULT 2859
ABF33098
ID ABF33098 standard; DNA; 13 BP.
XX
XX AC ABF33098;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 133095 for detecting SNP TSC0033208.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
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XX WPI; 2001-657177/75.
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XX
XX Claim 1; SEQ ID NO 133095; 29pp + Sequence Listing; German.
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CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
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Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGT 918
Db :|||||
3 TTTTCTTTGGY 13

RESULT 2860
ABF40970/C
ID ABF40970 standard; DNA; 13 BP.
XX
XX AC ABF40970;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 140967 for detecting SNP TSC0035329.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
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XX 18-OCT-2001.
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XX 06-APR-2001; 2001WO-IB000713.
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XX 07-APR-2000; 2000DE-01019173.
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XX Olek A, Piepenbrock C, Berlin K;
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XX WPI; 2001-657177/75.
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XX
XX Claim 1; SEQ ID NO 140967; 29pp + Sequence Listing; German.
XX
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CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
 Db 12 ATTTCCTTT 4
 RESULT 2861
 ABF50637/c
 ID ABF50637 standard; DNA; 13 BP.
 AC ABF50637;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 150634 for detecting SNP TSC0038014.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 150634; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
 CC
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 12 TTTAATGTA 4
 RESULT 2862
 ABF53615/c
 ID ABF53615 standard; DNA; 13 BP.
 XX
 AC ABF53615;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 237356 for detecting SNP TSC0057892.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX

DE Oligonucleotide SEQ ID NO 153612 for detecting SNP TSC0038839.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (SPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 153612; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;
 CC
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 909 TTTCTTTGTC 919
 Db 11 TTTCTTTGTCY 1
 RESULT 2863
 ABH37379/c
 ID ABH37379 standard; DNA; 13 BP.
 XX
 AC ABH37379;
 XX
 DT 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 237356 for detecting SNP TSC0057892.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX

XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 237356; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 13 TTTAATGTA 5
 RESULT 2864
 ABF87390
 ID ABF87390 standard; DNA; 13 BP.
 XX AC ABF87390;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 187387 for detecting SNP TSC0046193.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 237356; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 13 TTTAATGTA 5
 RESULT 2864
 ABF87390
 ID ABF87390 standard; DNA; 13 BP.
 XX AC ABF87390;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 187387 for detecting SNP TSC0046193.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 237356; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 13 TTTAATGTA 5
 RESULT 2864
 ABF87390
 ID ABF87390 standard; DNA; 13 BP.
 XX AC ABF87390;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 253707 for detecting SNP TSC0010907.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 253707; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 DB 5 TTGGTTTAA 13
 RESULT 2865
 ABH53730/C
 ID ABH53730 standard; DNA; 13 BP.
 XX AC ABH53730;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 253707 for detecting SNP TSC0010907.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 253707; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

PS Claim 1; SEQ ID NO 187387; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 DB 5 TTGGTTTAA 13
 RESULT 2865
 ABH53730/C
 ID ABH53730 standard; DNA; 13 BP.
 XX AC ABH53730;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 253707 for detecting SNP TSC0010907.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 253707; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 72169; 29pp + Sequence Listing; German.
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 3 TTTAATGTA 11
RESULT 2869
ABC73753/C
XX ID ABC73753 standard; DNA; 13 BP.
XX AC ABC73753;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 73770 for detecting SNP TSC0018997.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 72169; 29pp + Sequence Listing; German.
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 3 TTTAATGTA 11
RESULT 2869
ABC73753/C
XX ID ABC73753 standard; DNA; 13 BP.
XX AC ABC73753;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 73770 for detecting SNP TSC0018997.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 73770; 29pp + Sequence Listing; German.
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTAA 952
Db 9 TTGGTTAA 1
RESULT 2870
ABC24388
XX ID ABC24388 standard; DNA; 13 BP.
XX AC ABC24388;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 24405 for detecting SNP TSC0005820.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 24405; 29pp + Sequence Listing; German.
XX SQ This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 73770; 29pp + Sequence Listing; German.
XX SQ This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTAA 952
Db 9 TTGGTTAA 1
RESULT 2870
ABC24388
XX ID ABC24388 standard; DNA; 13 BP.
XX AC ABC24388;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 24405 for detecting SNP TSC0005820.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 24405; 29pp + Sequence Listing; German.
XX SQ This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 Db 5 TTGGTTTAA 13
 RESULT 2871
 ABC26261
 ID ABC26261 standard; DNA; 13 BP.
 XX
 AC ABC26261;
 XX
 DT 20-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 26278 for detecting SNP TSC0006895.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 26278; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 Db 5 TTGGTTTAA 13
 RESULT 2871
 ABC26261
 ID ABC26261 standard; DNA; 13 BP.
 XX
 AC ABC26261;
 XX
 DT 20-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 26278 for detecting SNP TSC0006895.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
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 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 26278; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
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 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 937 CTTCTCATT 945
 Db 2 CTTCTCATT 10
 RESULT 2872
 ABC58871
 ID ABC58871 standard; DNA; 13 BP.
 XX
 AC ABC58871;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 58888 for detecting SNP TSC0015775.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 58888; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 1 A; 6 C; 1 G; 4 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 923 GCCTTTATCC 933
 Db 1 GCCTTTATCC 11
 RESULT 2873
 ABC58963
 ID ABC58963 standard; DNA; 13 BP.
 XX
 AC ABC58963;

XX 21-FEB-2002 (first entry)
DT Oligonucleotide SEQ ID NO 58980 for detecting SNP TSC0015803.
DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 58980; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 1 A; 4 C; 0 G; 7 T; 0 U; 1 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 907 ATTTCCTTT 915
Db 2 ATTTCCTTT 10
RESULT 2874
ABC10608
ID ABC10608 standard; DNA; 13 BP.
XX ABC10608;
AC ABC10608;
XX 20-FEB-2002 (first entry)
DT Oligonucleotide SEQ ID NO 10599 for detecting SNP TSC0002667.
DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PD 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 10599; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 943 ATTGGTTTA 951
Db 5 ATTGGTTTA 13
RESULT 2875
ABC11794
ID ABC11794 standard; DNA; 13 BP.
XX ABC11794;
AC ABC11794;
XX 20-FEB-2002 (first entry)
DT Oligonucleotide SEQ ID NO 11801 for detecting SNP TSC0002846.
DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 11801; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958

Db 3 TTGAATGTATY 13

RESULT 2876

ABC61054
 ID ABC61054 standard; DNA; 13 BP.

XX ABC61054;

XX 21-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 61071 for detecting SNP TSC0016269.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 61071; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956

Db 2 TTTAATGTA 10

RESULT 2877

ABF11491
 ID ABF11491 standard; DNA; 13 BP.

XX ABF11491;

XX 21-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 111488 for detecting SNP TSC0027841.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 111488; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 1 A; 3 C; 0 G; 8 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915

Db 2 ATTTCTTT 10

RESULT 2878

ABC86571

ID ABC86571 standard; DNA; 13 BP.

AC ABC86571;

XX

DT 21-FEB-2002 (first entry)

XX

DE Oligonucleotide SEQ ID NO 86588 for detecting SNP TSC00021760.

XX

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

WO200177384-A2.

XX

PD 18-OCT-2001.

XX

PF 06-APR-2001; 2001WO-IB000713.

XX

PR 07-APR-2000; 2000DE-01019173.

XX

PA (EPIG-) EPIGENOMICS AG.

XX

PI Olek A, Piepenbrock C, Berlin K;

XX

WPI; 2001-657177/75.

XX

Set of oligonucleotides, useful for diagnosis and cell typing, is

PT designed to detect single-nucleotide polymorphisms and cytosine

PT methylation status.

XX

Claim 1; SEQ ID NO 86588; 29pp + Sequence Listing; German.

XX

This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The

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CC central nervous system, cardiovascular and metabolic disorders. The

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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

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CC ftp.wipo.int/pub/published_pct_sequences

XX

Sequence 13 BP; 2 A; 7 C; 0 G; 4 T; 0 U; 0 Other;

XX

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTC 942

Db 3 CTCCTCTTC 11

XX

RESULT 2879

ABC13536/C

ID ABC13536 standard; DNA; 13 BP.

XX

AC ABC13536;

XX

DT 20-FEB-2002 (first entry)

XX

DE Oligonucleotide SEQ ID NO 13543 for detecting SNP TSC0003129.

XX

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

WO200177384-A2.

XX

PD 18-OCT-2001.

XX

PF 06-APR-2001; 2001WO-IB000713.

XX

PR 07-APR-2000; 2000DE-01019173.

XX

PA (EPIG-) EPIGENOMICS AG.

XX

PI Olek A, Piepenbrock C, Berlin K;

XX

WPI; 2001-657177/75.

XX

Set of oligonucleotides, useful for diagnosis and cell typing, is

PT designed to detect single-nucleotide polymorphisms and cytosine

PT methylation status.

XX

Claim 1; SEQ ID NO 86588; 29pp + Sequence Listing; German.

XX

This invention describes novel oligonucleotide primers or peptide nucleic

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CC and cytosine methylation status in chemically pretreated genomic DNA. The

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CC range of diseases including immune system, gastrointestinal, respiratory,

CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

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CC data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WIPO at

CC ftp.wipo.int/pub/published_pct_sequences

XX

Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

XX

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914

Db 13 CATTTCCTT 5

XX

RESULT 2880

ABC65875/C

ID ABC65875 standard; DNA; 13 BP.

XX

AC ABC65875;

XX

DT 21-FEB-2002 (first entry)

XX

DE Oligonucleotide SEQ ID NO 65892 for detecting SNP TSC0017344.

XX

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX

OS Homo sapiens.

XX

WO200177384-A2.

XX

PD 18-OCT-2001.

XX

PF 06-APR-2001; 2001WO-IB000713.

XX

PR 07-APR-2000; 2000DE-01019173.

XX

XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 65892; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 8 A; 1 C; 0 G; 3 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Fred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 948 TTTAATGTATC 958
 DB 11 TTTAATGTATY 1
 RESULT 2881
 ABF18548/C
 ID ABF18548 standard; DNA; 13 BP.
 XX AC ABF18548;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 118545 for detecting SNP TSC0029612.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 118545; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Fred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCCTTT 915
 DB 12 ATTTCCTTT 4
 RESULT 2882
 ABF27201/C
 ID ABF27201 standard; DNA; 13 BP.
 XX AC ABF27201;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 127198 for detecting SNP TSC0031833.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 127198; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

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SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TGGTTTAAT 953
D5 13 TGGTTTAAT 5
|||||
RESULT 2883
ABF33096
ID ABF33096 standard; DNA; 13 BP.
XX AC ABF33096;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 133093 for detecting SNP TSC0033208.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 133093; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 0 A; 0 C; 4 G; 8 T; 0 U; 1 Other;
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
D5 3 TTTTCTTTGGY 13
|||||
RESULT 2884
ABF42120
ID ABF42120 standard; DNA; 13 BP.
XX AC ABF42120;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 220227 for detecting SNP TSC0053597.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.

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XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 220227; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 3 TTTAATGTA 11
 RESULT 2886
 ABH20251/C
 ID ABH20251 standard; DNA; 13 BP.
 XX
 AC ABH20251;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 220228 for detecting SNP TSC0053597.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 220228; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 3 TTTAATGTA 11
 RESULT 2886
 ABH20251/C
 ID ABH20251 standard; DNA; 13 BP.
 XX
 AC ABH20251;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 220228 for detecting SNP TSC0053597.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;

DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 220228; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 11 TTTAATGTA 3
 RESULT 2887
 ABH22111/C
 ID ABH22111 standard; DNA; 13 BP.
 XX
 AC ABH22111;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 222088 for detecting SNP TSC0054045.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 222088; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 8 A; 3 C; 0 G; 1 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
 Db 11 TTTTCTTTGGY 1

RESULT 2888
 ABF98783/c
 ID ABF98783 standard; DNA; 13 BP.
 XX AC ABF98783;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 198780 for detecting SNP TSC0048916.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 198780; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 8 A; 3 C; 0 G; 1 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
 Db 11 TTTTATTGGY 1

RESULT 2889
 ABF99178
 ID ABF99178 standard; DNA; 13 BP.
 XX AC ABF99178;
 XX DT 22-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 199175 for detecting SNP TSC0049015.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 199175; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTTAATGTA 956
 Db 1 TTTTAATGTA 9

RESULT 2890
 ABH26995
 ID ABH26995 standard; DNA; 13 BP.
 XX AC ABH26995;
 XX DT 22-FEB-2002 (first entry)

```
XX
DE DE Oligonucleotide SEQ ID NO 226972 for detecting SNP TSC0055338.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 226972; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCCTTT 915
DB 2 ATTTCCTTT 10
|||||
RESULT 2891
ABF78787
ID ABF78787 standard; DNA; 13 BP.
XX
XX ABF78787;
AC
XX
XX 22-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 178784 for detecting SNP TSC0007797.
DE
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX
XX 18-OCT-2001.
PD
XX
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PF 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 178784; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 926 TTTTATCCC 934
DB 2 TTTTATCCC 10
|||||
RESULT 2892
ABH29133/C
ID ABH29133 standard; DNA; 13 BP.
XX
XX ABH29133;
AC
XX
XX 22-FEB-2002 (first entry)
DT
XX
XX Oligonucleotide SEQ ID NO 229110 for detecting SNP TSC0055895.
DE
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX
XX WO200177384-A2.
PN
XX
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
```

```
XX PS Claim 1; SEQ ID NO 229110; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 948 TTTAATGTA 956
XX Db 12 TTTAATGTA 4
XX
XX RESULT 2893
XX ABF54385/C
XX ID ABF54385 standard; DNA; 13 BP.
XX AC ABF54385;
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 154382 for detecting SNP TSC0039008.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 154382; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
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XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 948 TTTAATGTA 956
XX Db 12 TTTAATGTA 4
XX
XX RESULT 2893
XX ABF54385/C
XX ID ABF54385 standard; DNA; 13 BP.
XX AC ABF54385;
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 154382 for detecting SNP TSC0039008.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 154382; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 907 ATTTCCTTT 915
XX Db 12 ATTTCCTTT 4
XX
```

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CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 4 C; 1 G; 0 T; 0 U; 1 Other;
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XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX Qy 902 TGGTCATTTTC 912
XX Db 11 TGGTCGTTTTT 1
XX
XX RESULT 2894
XX ABH36950/C
XX ID ABH36950 standard; DNA; 13 BP.
XX AC ABH36950;
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 236927 for detecting SNP TSC0057806.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 236927; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 2 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 907 ATTTCCTTT 915
XX Db 12 ATTTCCTTT 4
XX
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RESULT 2895
ABF91581/c
ID ABF91581 standard; DNA; 13 BP.
XX
AC ABF91581;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 191578 for detecting SNP TSC0047142.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 191578; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 949 TTAATGTAT 957
DB 12 TTAATGTAT 4
XX
RESULT 2896
ABH48162
ID ABH48162 standard; DNA; 13 BP.
XX
AC ABH48162;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 248139 for detecting SNP TSC0060641.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

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KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 248139; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 947 GTTAAATGT 955
DB 1 GTTAAATGT 9
XX
RESULT 2897
ABH49387/c
ID ABH49387 standard; DNA; 13 BP.
XX
AC ABH49387;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 249364 for detecting SNP TSC0060911.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.

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XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 249364; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 947 GTTAAATGT 955
XX 12 GTTAAATGT 4
XX
XX RESULT 2898
XX ABH64320/c
XX ID ABH64320 standard; DNA; 13 BP.
XX AC ABH64320;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 264297 for detecting SNP TSC0064041.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 264297; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 947 GTTAAATGT 955
XX 12 GTTAAATGT 4
XX
XX RESULT 2898
XX ABH64320/c
XX ID ABH64320 standard; DNA; 13 BP.
XX AC ABH64320;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 264297 for detecting SNP TSC0064041.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 264297; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 960 CTACCAACG 968
XX 13 CTACCAACG 5
XX
XX RESULT 2899
XX ABC42712/c
XX ID ABC42712 standard; DNA; 13 BP.
XX AC ABC42712;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 42729 for detecting SNP TSC0012716.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 42729; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABJ00010-ABJ82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 6 G; 3 T; 0 U; 0 Other;
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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 CCTCTTCAT 944
DB 12 CCTCTTCAT 4

RESULT 2900
ABC68720/c
ID ABC68720 standard; DNA; 13 BP.
XX
AC ABC68720;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 68737 for detecting SNP TSC0017910.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPiG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 68737; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCTTT 915
DB 9 ATTTCTTT 1

RESULT 2901
ABC69616/c
ID ABC69616 standard; DNA; 13 BP.
XX
AC ABC69616;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 47630 for detecting SNP TSC0013655.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPiG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 69633; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCTTT 915
DB 9 ATTTCTTT 1

RESULT 2902
ABC47613
ID ABC47613 standard; DNA; 13 BP.
XX
AC ABC47613;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 47630 for detecting SNP TSC0013655.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
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XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 69633; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 1 G; 4 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCTTT 915
DB 12 ATTTCTTT 4

RESULT 2902
ABC47613
ID ABC47613 standard; DNA; 13 BP.
XX
AC ABC47613;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 47630 for detecting SNP TSC0013655.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPiG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 69633; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 1 G; 4 T; 0 U; 0 Other;
```

XX	18-OCT-2001.	XX	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.	XX	Claim 1; SEQ ID NO 76854; 29pp + Sequence Listing; German.	XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences	XX	Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;	XX	Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	QY	935 TCCTCTTCA 943	DB	2 TCCTCTTCA 10	RESULT 2904	ABC04536	ID	ABC04536 standard; DNA; 13 BP.	XX	AC	ABC04536;	XX	20-FEB-2002 (first entry)	XX	Oligonucleotide SEQ ID NO 4527 for detecting SNP TSC0001651.	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.	OS	Homo sapiens.	XX	WO200177384-A2.	XX	18-OCT-2001.	XX	06-APR-2001; 2001WO-IB000713.	XX	07-APR-2000; 2000DE-01019173.	XX	(EPITG-) EPIGENOMICS AG.	XX	Olek A, Piepenbrock C, Berlin K;	XX	WPI; 2001-657177/75.	XX	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.	XX	Claim 1; SEQ ID NO 4527; 29pp + Sequence Listing; German.	XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences	XX	Sequence 13 BP; 2 A; 8 C; 0 G; 3 T; 0 U; 0 Other;	XX	Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	QY	929 TATCCCTCC 937	DB	2 TATCCCTCC 10	RESULT 2903	ABC76837	ID	ABC76837 standard; DNA; 13 BP.	XX	AC	ABC76837;	XX	21-FEB-2002 (first entry)	XX	Oligonucleotide SEQ ID NO 76854 for detecting SNP TSC0019632.	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.	OS	Homo sapiens.	XX	WO200177384-A2.	XX	18-OCT-2001.	XX	06-APR-2001; 2001WO-IB000713.	XX	07-APR-2000; 2000DE-01019173.	XX	(EPITG-) EPIGENOMICS AG.	XX	Olek A, Piepenbrock C, Berlin K;	XX	WPI; 2001-657177/75.	XX	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.	XX	Claim 1; SEQ ID NO 47630; 29pp + Sequence Listing; German.	XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences	XX	Sequence 13 BP; 2 A; 8 C; 0 G; 3 T; 0 U; 0 Other;	XX	Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	QY	929 TATCCCTCC 937	DB	2 TATCCCTCC 10	RESULT 2903	ABC76837	ID	ABC76837 standard; DNA; 13 BP.	XX	AC	ABC76837;	XX	21-FEB-2002 (first entry)	XX	Oligonucleotide SEQ ID NO 76854 for detecting SNP TSC0019632.	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.	OS	Homo sapiens.	XX	WO200177384-A2.	XX	18-OCT-2001.	XX	06-APR-2001; 2001WO-IB000713.	XX	07-APR-2000; 2000DE-01019173.	XX	(EPITG-) EPIGENOMICS AG.	XX	Olek A, Piepenbrock C, Berlin K;	XX	WPI; 2001-657177/75.	XX	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.	XX	Claim 1; SEQ ID NO 47630; 29pp + Sequence Listing; German.	XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences	XX	Sequence 13 BP; 2 A; 8 C; 0 G; 3 T; 0 U; 0 Other;	XX	Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	QY	929 TATCCCTCC 937	DB	2 TATCCCTCC 10	RESULT 2903	ABC76837	ID	ABC76837 standard; DNA; 13 BP.	XX	AC	ABC76837;	XX	21-FEB-2002 (first entry)	XX	Oligonucleotide SEQ ID NO 76854 for detecting SNP TSC0019632.	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.	OS	Homo sapiens.	XX	WO200177384-A2.	XX	18-OCT-2001.	XX	06-APR-2001; 2001WO-IB000713.	XX	07-APR-2000; 2000DE-01019173.	XX	(EPITG-) EPIGENOMICS AG.	XX	Olek A, Piepenbrock C, Berlin K;	XX	WPI; 2001-657177/75.	XX	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.	XX	Claim 1; SEQ ID NO 47630; 29pp + Sequence Listing; German.	XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences	XX	Sequence 13 BP; 2 A; 8 C; 0 G; 3 T; 0 U; 0 Other;	XX	Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	QY	929 TATCCCTCC 937	DB	2 TATCCCTCC 10	RESULT 2903	ABC76837	ID	ABC76837 standard; DNA; 13 BP.	XX	AC	ABC76837;	XX	21-FEB-2002 (first entry)	XX	Oligonucleotide SEQ ID NO 76854 for detecting SNP TSC0019632.	XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.	OS	Homo sapiens.	XX	WO200177384-A2.	XX	18-OCT-2001.	XX	06-APR-
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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 0 G; 8 T; 0 U; 1 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958
DB 3 TTTAATATATY 13
|||||
AC ABC79138
XX ABC79138 standard; DNA; 13 BP.
XX
AC ABC79138;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 79155 for detecting SNP TSC0020133.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 79155; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTGA 956
```

```
DB 1 TTTAATGTGA 9
|||||
RESULT 2906
ABC07318/C
ID ABC07318 standard; DNA; 13 BP.
XX
AC ABC07318;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 7309 for detecting SNP TSC0002136.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 7309; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTTCT 913
|||||
DB 10 TCATTTTCT 2
|||||
RESULT 2907
ABF07560/C
ID ABF07560 standard; DNA; 13 BP.
XX
AC ABF07560;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 107557 for detecting SNP TSC0026929.
```

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 107557; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 7 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 930 ATCCCTCCT 938
Db 13 ATCCCTCCT 5

RESULT 2908
ABC57582
ID ABC57582 standard; DNA; 13 BP.
XX
AC ABC57582;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 57599 for detecting SNP TSC0015534.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX

PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 57599; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956
Db 3 TTTAATGTA 11

RESULT 2909
ABF08513
ID ABF08513 standard; DNA; 13 BP.
XX
AC ABF08513;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 108510 for detecting SNP TSC0027145.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 108510; 29pp + Sequence Listing; German.
XX
PS

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 6 A; 4 C; 1 G; 2 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 958 CGCTACCAA 966
 Db 1 CGCTACCAA 9
 RESULT 2910
 ABC58870/C
 ID ABC58870 standard; DNA; 13 BP.
 XX AC ABC58870;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 5887 for detecting SNP TSC0015775.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 5887; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 1 C; 6 G; 1 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 923 GCCTTTATCC 933
 Db 13 RCCTTTATCCC 3
 RESULT 2911
 ABC34443/C
 ID ABC34443 standard; DNA; 13 BP.
 XX AC ABC34443;
 XX DT 20-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 34460 for detecting SNP TSC0010989.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 34460; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 12 TTTAATGTA 4
 RESULT 2912

```

ABC63292
ID ABC63292 standard; DNA; 13 BP.
XX
AC ABC63292;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 63309 for detecting SNP TSC0016726.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 63309; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATCT 955
DB 1 GTTTAATCT 9
RESULT 2913
ABC14398/c
ID ABC14398 standard; DNA; 13 BP.
XX
AC ABC14398;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 14405 for detecting SNP TSC0003259.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 14405; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 0 C; 4 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATCT 955
DB 1 GTTTAATCT 9
RESULT 2914
ABF27229/c
ID ABF27229 standard; DNA; 13 BP.
XX
AC ABF27229;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 127226 for detecting SNP TSC0031843.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;

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OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
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XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
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PT methylation status.
XX
PS Claim 1; SEQ ID NO 14405; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
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CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 10 A; 0 C; 1 G; 1 T; 0 U; 1 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTTCTTT 915
DB 12 ATTTTCTTT 4
RESULT 2914
ABF27229/c
ID ABF27229 standard; DNA; 13 BP.
XX
AC ABF27229;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 127226 for detecting SNP TSC0031843.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
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PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;

```

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 127226; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

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XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952

DB 10 TTGGTTTAA 2

RESULT 2915

ABH18782

ID ABH18782 standard; DNA; 13 BP.

XX AC ABH18782;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 218759 for detecting SNP TSC0053206.

XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 218759; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

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XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952

DB 10 TTGGTTTAA 2

RESULT 2916

ABF69142

ID ABF69142 standard; DNA; 13 BP.

XX AC ABF69142;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 169139 for detecting SNP TSC0042261.

XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 169139; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

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XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 81.8%; Pred. No. 1.5e+03;

Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTC 919

DB 3 TTCTTTGGTY 13

CC range of diseases including immune system, gastrointestinal, respiratory,

CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

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CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 0 A; 1 C; 4 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 81.8%; Pred. No. 1.5e+03;

Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTC 919

DB 3 TTCTTTGGTY 13


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Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 945 TGGTTTAATGT 955
   |||||
Db 3 TGAATTAATGY 13
   |||||

RESULT 2917
ABH00055
ID ABH00055 standard; DNA; 13 BP.
XX
AC ABH00055;
XX
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 200032 for detecting SNP TSC0049223.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPTG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 200032; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTCTT 914
   |||||
Db 4 CATTTCTT 12
   |||||

RESULT 2918
ABF52508
ID ABF52508 standard; DNA; 13 BP.
XX
AC ABF52508;
XX
XX
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DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 152505 for detecting SNP TSC0038549.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 152505; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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CC data for this patent did not form part of the printed specification, but
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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 0 A; 0 C; 2 G; 10 T; 0 U; 1 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTGCT 918
   |||||
Db 3 TTTTCTTGY 13
   |||||

RESULT 2919
ABF55718
ID ABF55718 standard; DNA; 13 BP.
XX
AC ABF55718;
XX
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 155715 for detecting SNP TSC0039319.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
XX
PD 18-OCT-2001.
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XX PF 06-APR-2001; 2001WO-IB000713.
XX PS 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 155715; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
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XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 948 TTTAATGTA 956
XX DB 3 TTTAATGTA 11
XX
XX RESULT 2920
XX ID ABF85999/c
XX ID ABF85999 standard; DNA; 13 BP.
XX AC ABF85999;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 185996 for detecting SNP TSC0045838.
XX
XX KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PS 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 185996; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX DB 13 TTAATGTAT 5
XX
XX RESULT 2921
XX ID ABH36951
XX ID ABH36951 standard; DNA; 13 BP.
XX AC ABH36951;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 236928 for detecting SNP TSC0057806.
XX
XX KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PS 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 236928; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
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XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX CC ftp.wipo.int/pub/published_pct_sequences

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XX SQ Sequence 13 BP; 2 A; 2 C; 0 G; 8 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 907 ATTTCCTT 915
|||||
Db 2 ATTTCCTT 10

RESULT 2922
ABH42698/c
ID ABH42698 standard; DNA; 13 BP.

XX AC ABH42698;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 242675 for detecting SNP TSC0059214.

XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX FN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

XX PS Claim 1; SEQ ID NO 242675; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
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XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 905 TCATTTCT 913
|||||
Db 10 TCATTTCT 2

RESULT 2923

ABH45812

ID ABH45812 standard; DNA; 13 BP.

XX AC ABH45812;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 245789 for detecting SNP TSC0060041.

XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX FN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

XX PS Claim 1; SEQ ID NO 245789; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 943 ATTGGTTTA 951
|||||
Db 5 ATTGGTTTA 13

RESULT 2924

ABH48112/c

ID ABH48112 standard; DNA; 13 BP.

XX AC ABH48112;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 248089 for detecting SNP TSC0060629.

XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 248089; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
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 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
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 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
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 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Sequence 13 BP; 7 A; 0 C; 3 G; 2 T; 0 U; 1 Other;
 XX
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 926 TTTTATCCC 934
 DB |||||
 DB 9 TTTTATCCC 1
 XX
 RESULT 2925
 ABH49518/c
 ID ABH49518 standard; DNA; 13 BP.
 XX
 AC ABH49518;
 XX
 DT 22-FEB-2002 (first entry)
 DE
 DE Oligonucleotide SEQ ID NO 249495 for detecting SNP TSC0060945.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
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 DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 249495; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
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 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
 XX
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 905 TCATTTTCT 913
 DB |||||
 DB 9 TCATTTTCT 1
 XX
 RESULT 2926
 ABH56165
 ID ABH56165 standard; DNA; 13 BP.
 XX
 AC ABH56165;
 XX
 DT 22-FEB-2002 (first entry)
 DE
 DE Oligonucleotide SEQ ID NO 256142 for detecting SNP TSC0062412.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 256142; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 4 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
Db 2 TCCTCTTCA 10
|||||
RESULT 2927
ABH58385/c
ID ABH58385 standard; DNA; 13 BP.
XX
AC ABH58385;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 258362 for detecting SNP TSC0062825.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 258362; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 3 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 947 GTTTAATGAT 957
Db 11 GTTTATTGAT 1
|||||
RESULT 2928
ABH64270/c
ID ABH64270 standard; DNA; 13 BP.
XX
AC ABH64270;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 264247 for detecting SNP TSC0064035.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 264247; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
Db 12 ATTTTCTTT 4
|||||
RESULT 2929
ABC42604
ID ABC42604 standard; DNA; 13 BP.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 69652; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 12 TTAATGTAT 4
|||||
|
RESULT 2932
ABC9660
ID ABC69660 standard; DNA; 13 BP.
XX
XX ABC69660;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 69677 for detecting SNP TSC0018129.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 69677; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
Db 3 ATTGGTTTA 11
|||||
|
RESULT 2933
ABC26052
ID ABC26052 standard; DNA; 13 BP.
XX
XX ABC26052;
XX
XX 20-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 26069 for detecting SNP TSC0006742.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 26069; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX
SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
 DB 1 TTTAATGTA 9
 RESULT 2934
 ABC51257/c
 ID ABC51257 standard; DNA; 13 BP.
 XX
 AC ABC51257;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 51274 for detecting SNP TSC0014324.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
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 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 51274; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
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 XX
 SQ Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGTAT 957
 DB 11 TTAATGTAT 3
 RESULT 2935
 ABC52699/c
 ID ABC52699 standard; DNA; 13 BP.
 XX
 AC ABC52699;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 51274 for detecting SNP TSC0002010.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.

DE Oligonucleotide SEQ ID NO 52716 for detecting SNP TSC0014600.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 52716; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
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 CC -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
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 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 947 GTTTAATGT 955
 DB 13 GTTTAATGT 5
 RESULT 2936
 ABC06586/c
 ID ABC06586 standard; DNA; 13 BP.
 XX
 AC ABC06586;
 XX
 DT 20-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 6577 for detecting SNP TSC0002010.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.


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XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 6577; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 0 C; 5 G; 3 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 930 ATCCCTCCT 938
Db 10 ATCCCTCCT 2
|||||||
RESULT 2937
ABC82246
ID ABC82246 standard; DNA; 13 BP.
XX AC ABC82246;
XX ABC82246;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 82263 for detecting SNP TSC0020780.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 57731; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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XX
XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 949 TTAATGTAT 957
Db 3 TTAATGTAT 11
|||||||
RESULT 2938
ABC57714/C
ID ABC57714 standard; DNA; 13 BP.
XX AC ABC57714;
XX ABC57714;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 57731 for detecting SNP TSC0015557.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 57731; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at

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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 2 G; 4 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCCT 913
Db 11 TCATTTCCT 3

RESULT 2939
ABC58866/c
ID ABC58866 standard; DNA; 13 BP.
AC ABC58866;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 58863 for detecting SNP TSC0015775.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
AC
XX
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
XX
XX 07-APR-2000; 2000DE-01019173.
PR
XX
XX (EPIG-) EPIGENOMICS AG.
PA
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX
XX WPI; 2001-657177/75.
DR
XX
XX WO200177384-A2.
PN
XX
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
XX
XX 07-APR-2000; 2000DE-01019173.
PR
XX
XX (EPIG-) EPIGENOMICS AG.
PA
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
PT
XX
XX Claim 1; SEQ ID NO 58863; 29pp + Sequence Listing; German.
PS
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 6 G; 2 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 81.8%; Pred. No. 1.5e+03;
  Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 923 GCCTTTTACC 933
Db 13 RCCTTTTACC 3

RESULT 2940
ABC84467/c
ID ABC84467 standard; DNA; 13 BP.
AC ABC84467;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 84484 for detecting SNP TSC0021255.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
AC
XX
XX 18-OCT-2001.
PD
XX
XX 06-APR-2001; 2001WO-IB000713.
PF
XX
XX 07-APR-2000; 2000DE-01019173.
PR
XX
XX (EPIG-) EPIGENOMICS AG.
PA
XX
XX Olek A, Piepenbrock C, Berlin K;
PI
XX
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
PT
XX
XX Claim 1; SEQ ID NO 84484; 29pp + Sequence Listing; German.
PS
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 81.8%; Pred. No. 1.5e+03;
  Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958
Db 11 TTTAATGTGT 1

RESULT 2941
ABC84874
ID ABC84874 standard; DNA; 13 BP.
AC ABC84874;
XX
XX 21-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 84891 for detecting SNP TSC0021357.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
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XX OS Homo sapiens.
XX FN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 35224; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 2 G; 8 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 948 TTTAATGTC 958
DB 3 TTTAATGTC 13
RESULT 2942
ABC35207/C
ID ABC35207 standard; DNA; 13 BP.
XX AC ABC35207;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 35224 for detecting SNP TSC0011165.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 65891; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTTAATGTC 957
DB 11 TTTAATGTC 3
RESULT 2943
ABC65874
ID ABC65874 standard; DNA; 13 BP.
XX AC ABC65874;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 65891 for detecting SNP TSC0017344.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 65891; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

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CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 0 C; 1 G; 8 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 948 TTTATGTATC 958
 Db 3 TTTATGTATY 13
 RESULT 2944
 ABF22309
 ID ABF22309 standard; DNA; 13 BP.
 XX AC ABF22309;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 122306 for detecting SNP TSC0030566.
 XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB0000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 122306; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 0 A; 8 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 948 TTTATGTATC 958
 Db 3 TTTATGTATY 13
 RESULT 2944
 ABF22309
 ID ABF22309 standard; DNA; 13 BP.
 XX AC ABF22309;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 122306 for detecting SNP TSC0030566.
 XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB0000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 122306; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 0 A; 8 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 931 TCCTCTCTC 939
 Db 5 TCCTCTCTC 13
 RESULT 2945
 ABF30885
 ID ABF30885 standard; DNA; 13 BP.
 XX AC ABF30885;
 XX DT 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 130892 for detecting SNP TSC0032668.
 XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB0000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX Claim 1; SEQ ID NO 130892; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 926 TTTTATCCC 934
 Db 1 TTTTATCCC 9
 RESULT 2946
 ABF35188
 ID ABF35188 standard; DNA; 13 BP.
 XX AC ABF35188;

XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 135185 for detecting SNP TSC0033712.
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 135185; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 948 TTTAATGTA 956
Db 1 TTTAATGTA 9
RESULT 2947
ABF35185/C
ID ABF35189 standard; DNA; 13 BP.
XX AC ABF35189;
XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 135186 for detecting SNP TSC0033712.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 135186; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 948 TTTAATGTA 956
Db 1 TTTAATGTA 9
RESULT 2948
ABF94714
ID ABF94714 standard; DNA; 13 BP.
XX AC ABF94714;
XX 22-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 194711 for detecting SNP TSC0047890.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 194711; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 0 C; 3 G; 5 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGTTTAAAT 953

Db 3 AGTGGTTTAA 13

RESULT 2949

ABF71892/C
 ID ABF71892 standard; DNA; 13 BP.

AC ABF71892;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 171889 for detecting SNP TSC0042846.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

PA (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 171889; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 0 C; 2 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914

Db 12 CATTTCCTT 4

RESULT 2950

ABF71893
 ID ABF71893 standard; DNA; 13 BP.

XX ABF71893;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 171890 for detecting SNP TSC0042846.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

PA (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 171890; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 2 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914

Db 2 CATTTCCT 10

RESULT 2951

ABF73038

ID ABF73038 standard; DNA; 13 BP.

XX AC ABF73038;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 173035 for detecting SNP TSC0005233.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 173035; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956

Db 3 TTTAATGTA 11

RESULT 2952

ABF75024

ID ABF75024 standard; DNA; 13 BP.

XX AC ABF75024;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 175021 for detecting SNP TSC0043505.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 173035; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956

Db 3 TTTAATGTA 11

RESULT 2953

ABF83104

ID ABF83104 standard; DNA; 13 BP.

XX AC ABF83104;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 183101 for detecting SNP TSC0010528.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 175021; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956

Db 2 TTTAATGTA 10

RESULT 2953

ABF83104

ID ABF83104 standard; DNA; 13 BP.

XX AC ABF83104;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 183101 for detecting SNP TSC0010528.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is

XX PT designed to detect single-nucleotide polymorphisms and cytosine

XX PT methylation status.

XX PS Claim 1; SEQ ID NO 175021; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic

XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

XX CC and cytosine methylation status in chemically pretreated genomic DNA. The

XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

XX CC range of diseases including immune system, gastrointestinal, respiratory,

XX CC central nervous system, cardiovascular and metabolic disorders. The

XX CC oligomers are also used for detecting cell type differentiation. ABC00010

XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073

XX CC represent the oligomers described in the invention. NOTE: The sequence

XX CC data for this patent did not form part of the printed specification, but

XX CC was obtained in electronic format from WIPO at

XX CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 183101; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 3 TTTAATGTA 11
 RESULT 2954
 ABF87316
 ID ABF87316 standard; DNA; 13 BP.
 AC ABF87316;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 187313 for detecting SNP TSC0046171.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 187313; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGTAT 957
 Db 1 TTAATGTAT 9
 RESULT 2955
 ABF63756/c
 ID ABF63756 standard; DNA; 13 BP.
 XX
 AC ABF63756;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 163753 for detecting SNP TSC0041141.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 163753; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF0010-ABF99989, ABH0010-ABH99989 and AB10010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

100

CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 12 TTTAATGTA 4

RESULT 2961
ABH62479/C
ID ABH62479 standard; DNA; 13 BP.
XX
AC ABH62479;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 262456 for detecting SNP TSC0063663.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 262456; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955
DB 12 GTTTAATGT 4

RESULT 2962
ABC67774
ID ABC67774 standard; DNA; 13 BP.
XX
AC ABC67774;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 67791 for detecting SNP TSC0017701.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 67791; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 1 C; 3 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTCCCTTTTAT 931
DB 3 TTCCGTTTAT 13

RESULT 2963
ABC93386
ID ABC93386 standard; DNA; 13 BP.
XX
AC ABC93386;
XX
DT 21-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 93403 for detecting SNP TSC0023337.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 93403; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC000010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 0 A; 0 C; 5 G; 7 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 909 TTCTTTTGGTC 919
DB 3 TTGTGTTGGT 13
RESULT 2964
ABC69071/c
ID ABC69071 standard; DNA; 13 BP.
XX AC ABC69071;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 69088 for detecting SNP TSC0017982.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 69088; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC000010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 944 TTGGTTTAA 952
DB 10 TTGGTTTAA 2
RESULT 2965
ABF02989/c
ID ABF02989 standard; DNA; 13 BP.
XX AC ABF02989;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 102986 for detecting SNP TSC0025739.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 102966; 29pp + Sequence Listing; German.
PS
SQ
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
Db 9 TTAATGTAT 1
|||||
RESULT 2966
ABC28026
ID ABC28026 standard; DNA; 13 BP.
XX
AC ABC28026;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 28043 for detecting SNP TSC0007916.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 28043; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
Db 9 TTAATGTAT 1
|||||

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 5 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 946 GGTTTAATG 954
Db 1 GGTTTAATG 9
|||||
RESULT 2967
ABF10145/C
ID ABF10145 standard; DNA; 13 BP.
XX
AC ABF10145;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 110142 for detecting SNP TSC0027515.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 110142; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
Db 10 TTAATGTAT 2
|||||

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RESULT 2968
ABF12492/c
ID ABF12492 standard; DNA; 13 BP.
XX
AC ABF12492;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 112489 for detecting SNP TSC0028130.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 112489 for detecting SNP TSC0028130.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
DT 06-APR-2001; 2001WO-IB000713.
XX
DE Oligonucleotide SEQ ID NO 112489 for detecting SNP TSC0016953.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 63993 for detecting SNP TSC0016890.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

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KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 63993; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 1 C; 5 G; 4 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 956 ATCGCTACCA 964
DB 10 ATCGCTACCA 2
RESULT 2970
ABC64248/c
ID ABC64248 standard; DNA; 13 BP.
XX
AC ABC64248;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 64265 for detecting SNP TSC0016953.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
DT 06-APR-2001; 2001WO-IB000713.
XX
DT 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.

```

XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 64265; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 4 G; 2 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 904 GTCATTTTCTT 914
Db 13 RTCATTTTCTT 3
|||||
|
RESULT 2971
ABC90350
ID ABC90350 standard; DNA; 13 BP.
XX AC ABC90350;
XX DT 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 90367 for detecting SNP TSC0022651.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 90367; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 1 A; 0 C; 3 G; 8 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTCGT 918
Db 3 TTTTATTGGY 13
|||||
|
RESULT 2972
ABF16744
ID ABF16744 standard; DNA; 13 BP.
XX AC ABF16744;
XX DT 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 116741 for detecting SNP TSC0092908.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
OS
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 116741; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 0 C; 3 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TGGTTTAAT 953
|||||
Db 3 TGGTTTAAT 11

RESULT 2973

ABF16829
ID ABF16829 standard; DNA; 13 BP.

XX AC ABF16829;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 116826 for detecting SNP TSC0029233.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 116826; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 1 A; 7 C; 1 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCCTCCTC 939
|||||
Db 4 TCCCTCCTC 12

RESULT 2974

ABF19050
ID ABF19050 standard; DNA; 13 BP.

XX

AC ABF19050;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 119047 for detecting SNP TSC0029722.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (BPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 119047; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957

Db 1 TTAATGTAT 9

RESULT 2975

ABF19051/c
ID ABF19051 standard; DNA; 13 BP.

XX ABF19051;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 119048 for detecting SNP TSC0029722.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.
XX
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 119048; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX 13 TTAATGTAT 5
XX
XX RESULT 2976
XX ABF19824
XX ID ABF19824 standard; DNA; 13 BP.
XX
XX AC ABF19824;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 119821 for detecting SNP TSC0029902.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX DE Oligonucleotide SEQ ID NO 119821 for detecting SNP TSC0029902.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX

PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 119821; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 0 C; 2 G; 5 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX 3 TTAATGTAT 11
XX
XX RESULT 2977
XX ABF37770
XX ID ABF37770 standard; DNA; 13 BP.
XX
XX AC ABF37770;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 137767 for detecting SNP TSC0034432.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 137767; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX

CC	-ABFC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC	represent the oligomers described in the invention. NOTE: The sequence
CC	data for this patent did not form part of the printed specification, but
CC	was obtained in electronic format from WIPO at
CC	ftp.wipo.int/pub/published_pct_sequences
XX	
SQ	Sequence 13 BP; 2 A; 0 C; 3 G; 8 T; 0 U; 0 Other;
Query Match	12.3%; Score 9; DB 1; Length 13;
Best Local Similarity	100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	944 TTGGTTTAA 952
DB	
	4 TTGGTTTAA 12
RESULT 2978	
ABF37771/c	
ID	ABF37771 standard; DNA; 13 BP.
XX	
AC	ABF37771;
XX	
DT	21-FEB-2002 (first entry)
XX	
DE	Oligonucleotide SEQ ID NO 137768 for detecting SNP TSC0034432.
XX	
KW	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW	central nervous system; gastrointestinal; respiratory; immune; metabolic
XX	
OS	Homo sapiens.
XX	
PN	WO200177384-A2.
EN	
PD	18-OCT-2001.
XX	
PF	06-APR-2001; 2001WO-IB0000713.
XX	
PR	07-APR-2000; 2000DE-01019173.
XX	
PA	(EPIG-) EPIGENOMICS AG.
XX	
PI	Olek A, Piepenbrock C, Berlin K;
XX	
DR	WPI; 2001-657177/75.
XX	
PPT	Set of oligonucleotides, useful for diagnosis and cell typing, is
PPT	designed to detect single-nucleotide polymorphisms and cytosine
PPT	methylation status.
XX	
PS	Claim 1; SEQ ID NO 137768; 29pp + Sequence Listing; German.
XX	
CC	This invention describes novel oligonucleotide primers or peptide nucleic
CC	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC	and cytosine methylation status in chemically pretreated genomic DNA. The
CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC	range of diseases including immune system, gastrointestinal, respiratory
CC	central nervous system, cardiovascular and metabolic disorders. The
CC	oligomers are also used for detecting cell type differentiation. ABC00011
CC	-ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC	represent the oligomers described in the invention. NOTE: The sequence
CC	data for this patent did not form part of the printed specification, but
CC	was obtained in electronic format from WIPO at
CC	ftp.wipo.int/pub/published_pct_sequences
XX	
SQ	Sequence 13 BP; 8 A; 3 C; 0 G; 2 T; 0 U; 0 Other;
Query Match	12.3%; Score 9; DB 1; Length 13;
Best Local Similarity	100.0%; Pred.No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	944 TTGGTTTAA 952

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 195848; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 9 TTTAATGTA 1
|||||||
|||||||

RESULT 2981
ABF46744/c
ID ABF46744 standard; DNA; 13 BP.
XX
AC ABF46744;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 146741 for detecting SNP TSC0037012.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX

PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 146741; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 3 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTTCT 913
DB 12 TCATTTTCT 4
|||||||
|||||||

RESULT 2982
ABF97553/c
ID ABF97553 standard; DNA; 13 BP.
XX
AC ABF97553;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 197550 for detecting SNP TSC0008772.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
DE 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 197550; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) CC and cytosine methylation status in chemically pretreated genomic DNA. The CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC range of diseases including immune system, gastrointestinal, respiratory, CC central nervous system, cardiovascular and metabolic disorders. The CC oligomers are also used for detecting cell type differentiation. ABC00010 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 CC represent the oligomers described in the invention. NOTE: The sequence CC data for this patent did not form part of the printed specification, but CC was obtained in electronic format from WIPO at CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 3 C; 0 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGCTTTAAT 953
DB 11 ATTGCTTTGAY 1
|||||

RESULT 2983
ABH22593/C
ID ABH22593 standard; DNA; 13 BP.
AC ABH22593;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 222570 for detecting SNP TSC0054165.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 222570; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGCTAT 957
DB 10 TTAATGCTAT 2
|||||

RESULT 2984
ABH26167/C
ID ABH26167 standard; DNA; 13 BP.
XX
AC ABH26167;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 226144 for detecting SNP TSC0055122.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 226144; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 8 A; 2 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGCT 918
DB 11 TTTTATTGGY 1
|||||

RESULT 2985

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ABH26994/c
ID ABH26994 standard; DNA; 13 BP.
XX AC ABH26994;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 226971 for detecting SNP TSC0055338.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 178783; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 8 A; 0 C; 2 G; 3 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCTTT 915
DB 12 ATTTCTTT 4
RESULT 2986
ABF78786/c
ID ABF78786 standard; DNA; 13 BP.
XX AC ABF78786;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 178783 for detecting SNP TSC0007797.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 226971; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 7 A; 0 C; 5 G; 1 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 926 TTTTATCCC 934
DB 12 TTTTATCCC 4
RESULT 2987
ABF55296
ID ABF55296 standard; DNA; 13 BP.
XX AC ABF55296;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 155293 for detecting SNP TSC0001351.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;

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XX DR WPI; 2001-657177/75.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Claim 1; SEQ ID NO 155293; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 6 A; 0 C; 1 G; 5 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX CC Mismatches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 948 TTTAATGTATC 958
XX DB 3 TTTAAGTATY 13
XX RESULT 2988
XX ABF58426
XX ID ABF58426 standard; DNA; 13 BP.
XX AC ABF58426;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 158423 for detecting SNP TSC0039887.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 158423; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;

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XX DR WPI; 2001-657177/75.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 6 A; 0 C; 1 G; 5 T; 0 U; 1 Other;
XX CC Query Match 12.3%; Score 9; DB 1; Length 13;
XX CC Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX CC Mismatches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 948 TTTAATGTATC 958
XX DB 3 TTTAAGTATY 13
XX RESULT 2988
XX ABF58426
XX ID ABF58426 standard; DNA; 13 BP.
XX AC ABF58426;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 158423 for detecting SNP TSC0039887.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 158423; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

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Matches	9;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	926	TTTTATCCC	934						
Db	3	TTTTATCCC	11						
RESULT 2990									
ABH13339/c									
ID	ABH13339	standard; DNA; 13 BP.							
XX	XX								
AC	ABH13339;								
XX	XX								
DT	22-FEB-2002	(first entry)							
XX	XX								
DE	Oligonucleotide	SEQ ID NO 213316 for detecting SNP TSC0051934.							
XX	XX								
KW	SNP; single nucleotide	polymorphism; human; diagnosis; PNA; cancer; CNS;							
KW	peptide nucleic acid;	cytosine methylation; cardiovascular; primer; ss;							
KW	central nervous system;	gastrointestinal; respiratory; immune; metabolic.							
XX	XX								
OS	Homo sapiens.								
XX	XX								
PN	WO200177384-A2.								
XX	XX								
PD	18-OCT-2001.								
XX	XX								
PF	06-APR-2001;	2001WO-IB000713.							
XX	XX								
PR	07-APR-2000;	2000DE-01019173.							
XX	XX								
PA	(EPIG-) EPIGENOMICS AG.								
XX	XX								
PI	Olek A, Piepenbrock C, Berlin K;								
XX	XX								
DR	WPI; 2001-657177/75.								
XX	XX								
PT	Set of oligonucleotides, useful for diagnosis and cell typing, is								
PT	designed to detect single-nucleotide polymorphisms and cytosine								
PT	methylation status.								
XX	XX								
PS	Claim 1; SEQ ID NO 213316; 29pp + Sequence Listing; German.								
XX	XX								
CC	This invention describes novel oligonucleotide primers or peptide nucleic								
CC	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)								
CC	and cytosine methylation status in chemically pretreated genomic DNA. The								
CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a								
CC	range of diseases including immune system, gastrointestinal, respiratory,								
CC	central nervous system, cardiovascular and metabolic disorders. The								
CC	oligomers are also used for detecting cell type differentiation. ABC00010								
CC	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073								
CC	represent the oligomers described in the invention. NOTE: The sequence								
CC	data for this patent did not form part of the printed specification, but								
CC	was obtained in electronic format from WIPO at								
CC	ftp.wipo.int/pub/published_pct_sequences								
XX	XX								
SQ	Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;								
Query Match 12.3%; Score 9; DB 1; Length 13;									
Best Local Similarity 100.0%; Pred. No. 1.5e+03;									
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	947	GTTTAATGT	955						
Db	13	GTTTAATGT	5						
RESULT 2991									
ABF91390/c									
ID	ABF91390	standard; DNA; 13 BP.							
XX	XX								
AC	ABF91390;								
XX	XX								

DT	22-FEB-2002	(first entry)
XX	XX	
DE	Oligonucleotide	SEQ ID NO 191387 for detecting SNP TSC0047093.
XX	XX	
KW	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
KW	central nervous system; gastrointestinal; respiratory; immune; metabolic.	
XX	XX	
OS	Homo sapiens.	
XX	XX	
PN	WO200177384-A2.	
XX	XX	
PD	18-OCT-2001.	
XX	XX	
PF	06-APR-2001;	2001WO-IB000713.
XX	XX	
PR	07-APR-2000;	2000DE-01019173.
XX	XX	
PA	(EPIG-) EPIGENOMICS AG.	
XX	XX	
PI	Olek A, Piepenbrock C, Berlin K;	
XX	XX	
DR	WPI; 2001-657177/75.	
XX	XX	
PT	Set of oligonucleotides, useful for diagnosis and cell typing, is	
PT	designed to detect single-nucleotide polymorphisms and cytosine	
PT	methylation status.	
XX	XX	
PS	Claim 1; SEQ ID NO 191387; 29pp + Sequence Listing; German.	
XX	XX	
CC	This invention describes novel oligonucleotide primers or peptide nucleic	
CC	acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)	
CC	and cytosine methylation status in chemically pretreated genomic DNA. The	
CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a	
CC	range of diseases including immune system, gastrointestinal, respiratory,	
CC	central nervous system, cardiovascular and metabolic disorders. The	
CC	oligomers are also used for detecting cell type differentiation. ABC00010	
CC	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073	
CC	represent the oligomers described in the invention. NOTE: The sequence	
CC	data for this patent did not form part of the printed specification, but	
CC	was obtained in electronic format from WIPO at	
CC	ftp.wipo.int/pub/published_pct_sequences	
XX	XX	
SQ	Sequence 13 BP; 7 A; 0 C; 3 G; 3 T; 0 U; 0 Other;	
Query Match 12.3%; Score 9; DB 1; Length 13;		
Best Local Similarity 100.0%; Pred. No. 1.5e+03;		
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
Qy	906	CATTTTCTT 914
Db	9	CATTTTCTT 1
RESULT 2992		
ABH57233		
ID	ABH57233	standard; DNA; 13 BP.
XX	XX	
AC	ABH57233;	
XX	XX	
DT	22-FEB-2002	(first entry)
XX	XX	
DE	Oligonucleotide	SEQ ID NO 257210 for detecting SNP TSC0007705.
XX	XX	
KW	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
KW	central nervous system; gastrointestinal; respiratory; immune; metabolic.	
XX	XX	
OS	Homo sapiens.	
XX	XX	
PN	WO200177384-A2.	
XX	XX	
PD	18-OCT-2001.	

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XX	06-APR-2001; 2001WO-IB000713.	
XX	07-APR-2000; 2000DE-01019173.	
XX	(EPiG-) EPIGENOMICS AG.	
XX	Olek A, Piepenbrock C, Berlin K;	
XX	WPI; 2001-657177/75.	
XX	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.	
XX	Claim 1; SEQ ID NO 257210; 29pp + Sequence Listing; German.	
XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC000010-ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences	
XX	Sequence 13 BP; 3 A; 5 C; 0 G; 5 T; 0 U; 0 Other;	
XX	Query Match 12.3%; Score 9; DB 1; Length 13;	
XX	Best Local Similarity 100.0%; Pred. No. 1.5e+03; Mismatches 0; Indels 0; Gaps 0;	
QY	934 CTCCTCTTC 942	
DB	2 CTCCTCTTC 10	
XX		
XX	RESULT 2993	
XX	ABH58384	
XX	ID ABH58384 standard; DNA; 13 BP.	
XX	ABH58384;	
XX	22-FEB-2002 (first entry)	
XX	Oligonucleotide SEQ ID NO 258361 for detecting SNP TSC0062825.	
XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;	
XX	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	
XX	central nervous system; gastrointestinal; respiratory; immune; metabolic.	
XX	Homo sapiens.	
XX	WO200177384-A2.	
XX	18-OCT-2001.	
XX	06-APR-2001; 2001WO-IB000713.	
XX	07-APR-2000; 2000DE-01019173.	
XX	(EPiG-) EPIGENOMICS AG.	
XX	Olek A, Piepenbrock C, Berlin K;	
XX	WPI; 2001-657177/75.	
XX	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine	

PT	methylation status.
XX	
PS	Claim 1; SEQ ID NO 258361; 29pp + Sequence Listing; German.
CC	
XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The CC
CC	and cytosine methylation status in chemically pretreated genomic DNA. The CC
CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC
CC	range of diseases including immune system, gastrointestinal, respiratory, CC
CC	central nervous system, cardiovascular and metabolic disorders. The CC
CC	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC
CC	represent the oligomers described in the invention. NOTE: The sequence CC
CC	data for this patent did not form part of the printed specification, but CC
CC	was obtained in electronic format from WIPO at CC
CC	ftp.wipo.int/pub/published_pct_sequences
XX	
SQ	Sequence 13 BP; 2 A; 0 C; 3 G; 7 T; 0 U; 1 Other;
	Query Watch 12.3%; Score 9; DB 1; Length 13;
	Best Local Similarity 81.8%; Pred. No. 1.5e+03;
	Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0
Qy	947 GTTTAATGTAAT 957
Dd	:
	3 GTTTATTGTAY 13
RESULT 2994	
ABC69661/C	ID ABC69661 standard; DNA; 13 BP.
AC	ABC69661;
XX	
XX	21-FEB-2002 (first entry)
DT	Oligonucleotide SEQ ID NO 69678 for detecting SNP TSC0018129.
XX	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW	peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW	central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX	Homo sapiens.
OS	
XX	WO200177384-A2.
PN	18-OCT-2001.
PD	
PX	06-APR-2001; 2001WO-IB000713.
PF	
XX	07-APR-2000; 2000DE-01019173.
PR	(EPIG-) EPIGENOMICS AG.
PA	
XX	Olek A, Piepenbrock C, Berlin K;
PI	
DR	WPI; 2001-657177/75.
DD	
XX	Set of oligonucleotides, useful for diagnosis and cell typing, is
PT	designed to detect single-nucleotide polymorphisms and cytosine
PT	methylation status.
XX	
PS	Claim 1; SEQ ID NO 69678; 29pp + Sequence Listing; German.
XX	
XX	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The CC
CC	and cytosine methylation status in chemically pretreated genomic DNA. The CC
CC	oligonucleotides are used for diagnosis and/or prognosis of cancer and a CC
CC	range of diseases including immune system, gastrointestinal, respiratory, CC
CC	central nervous system, cardiovascular and metabolic disorders. The CC
CC	oligomers are also used for detecting cell type differentiation. ABC00010 CC
CC	-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 CC
CC	represent the oligomers described in the invention. NOTE: The sequence CC

CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
| | | | |
Db 11 ATTGGTTTA 3

RESULT 2995
ABC23823/c
ID ABC23823 standard; DNA; 13 BP.
XX
AC ABC23823;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 23840 for detecting SNP TSC0005373.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
DR
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 23840; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TGGTTTAAAT 953
| | | | |
Db 9 TGGTTTAAAT 1

RESULT 2996

ABC74243
ID ABC74243 standard; DNA; 13 BP.
XX
AC ABC74243;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 74260 for detecting SNP TSC0019094.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
DR
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 74260; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 1 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
| | | | |
Db 2 ATTTTCTTT 10

RESULT 2997
ABC26053/c
ID ABC26053 standard; DNA; 13 BP.
XX
AC ABC26053;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 26070 for detecting SNP TSC0006742.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 11 TTTAATGTA 3

RESULT 3000
ABC76836/c
ID ABC76836 standard; DNA; 13 BP.
XX AC ABC76836;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 76853 for detecting SNP TSC0019632.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX Claim 1; SEQ ID NO 76853; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
DB 12 TCCTCTTCA 4

RESULT 3001
ABC28050
ID ABC28050 standard; DNA; 13 BP.
XX AC ABC28050;
XX 20-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 28067 for detecting SNP TSC0007927.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX Claim 1; SEQ ID NO 28067; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 5 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAAT 953
DB 3 ATTGGTTTAAAT 13

RESULT 3002
ABC04537/c
ID ABC04537 standard; DNA; 13 BP.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 6704; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 2 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
Db 3 ATTTTCTTT 11
|||||

RESULT 3005
ABF11490/c
ID ABF11490 standard; DNA; 13 BP.
XX
AC ABF11490;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 111487 for detecting SNP TSC0027841.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 111487; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 3 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
Db 12 ATTTTCTTT 4
|||||

RESULT 3006
ABF12491
ID ABF12491 standard; DNA; 13 BP.
XX
AC ABF12491;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 112488 for detecting SNP TSC0028130.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 112488; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 957 TCGCTACCA 965
 Db 5 TCGCTACCA 13
 RESULT 3007
 ABC90353/c
 ID ABC90353 standard; DNA; 13 BP.
 XX
 AC ABC90353;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 90370 for detecting SNP TSC0022651.
 XX
 KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 90370; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SX Sequence 13 BP; 8 A; 4 C; 0 G; 0 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 908 TTTTCTTGGT 918
 Db 11 TTTTCTTGGY 1
 RESULT 3008
 ABF18549
 ID ABF18549 standard; DNA; 13 BP.
 XX
 AC ABF18549;
 XX
 DT 21-FEB-2002 (first entry)
 XX

DE Oligonucleotide SEQ ID NO 118546 for detecting SNP TSC0029612.
 XX
 KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 118546; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SX Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCCTTT 915
 Db 2 ATTTCCTTT 10
 RESULT 3009
 ABF19502
 ID ABF19502 standard; DNA; 13 BP.
 XX
 AC ABF19502;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 119499 for detecting SNP TSC0029834.
 XX
 KW SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 119499; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 5 TTTAATGTA 13
 RESULT 3010
 ABF67571/C
 ID ABF67571 standard; DNA; 13 BP.
 XX AC ABF67571;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 167568 for detecting SNP TSC0041944.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX PD 06-APR-2001; 2001WO-IB000713.
 XX PF 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

PS Claim 1; SEQ ID NO 167568; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGTAT 957
 DB 11 TTAATGTAT 3
 RESULT 3011
 ABF93597/C
 ID ABF93597 standard; DNA; 13 BP.
 XX AC ABF93597;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 193594 for detecting SNP TSC0047627.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX PD 06-APR-2001; 2001WO-IB000713.
 XX PF 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 193594; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at

```
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 3 C; 1 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 951 AATGATATCG 959
Db 10 AATGATATCG 2
|||||

RESULT 3012
ABH19780
ID ABH19780 standard; DNA; 13 BP.
XX
AC ABH19780;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 219757 for detecting SNP TSC0053464.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 219757; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 944 TTGGTTTAA 952
Db 3 TTGGTTTAA 11
|||||

RESULT 3013
ABF95850
ID ABF95850 standard; DNA; 13 BP.
XX
AC ABF95850;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 195847 for detecting SNP TSC0048176.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 195847; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956
Db 5 TTTAATGTA 13
|||||

RESULT 3014
ABF97055/c
ID ABF97055 standard; DNA; 13 BP.
XX
AC ABF97055;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 197052 for detecting SNP TSC0048503.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
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XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 197052; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred.No.1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 948 TTTAATGTA 956
DB 10 TTTAATGTA 2
|||||
XX
RESULT 3015
ABH22862
ID ABH22862 standard; DNA; 13 BP.
XX AC ABH22862;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222839 for detecting SNP TSC0054250.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222839 for detecting SNP TSC0054250.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 222840; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred.No.1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 948 TTTAATGTA 956
DB 10 TTTAATGTA 2
|||||
XX
RESULT 3016
ABH22863/C
ID ABH22863 standard; DNA; 13 BP.
XX AC ABH22863;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222840 for detecting SNP TSC0054250.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 222840; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred.No.1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 949 TTTAATGTA 957
DB 1 TTTAATGTA 9
|||||
XX

```

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
 DB 13 TTAATGTAT 5
 RESULT 3017
 ABF53614
 ID ABF53614 standard; DNA; 13 BP.
 XX
 AC ABF53614;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 153611 for detecting SNP TSC0038839.

XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 153611; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 909 TTCTTTGGTC 919
 DB 3 TTCTTTGGTY 13

RESULT 3018
 ABF82802
 ID ABF82802 standard; DNA; 13 BP.
 XX
 AC ABF82802;
 XX
 DT 22-FEB-2002 (first entry)
 XX

XX Oligonucleotide SEQ ID NO 182799 for detecting SNP TSC0008038.
 DE
 XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 182799; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 949 TTAATGTAT 957
 DB 2 TTAATGTAT 10

RESULT 3019
 ABH12773/c
 ID ABH12773 standard; DNA; 13 BP.
 XX
 AC ABH12773;

PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PS Claim 1; SEQ ID NO 245582; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945

Db 4 CTCCTTCATT 12

RESULT 3022

ABH62478

ID ABH62478 standard; DNA; 13 BP.

XX AC ABH62478;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 262455 for detecting SNP TSC0063663.

XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB0000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIC-) EPIDENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 262455; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955

Db 2 GTTTAATGT 10

RESULT 3023

ABH62903

ID ABH62903 standard; DNA; 13 BP.

XX AC ABH62903;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 262880 for detecting SNP TSC0063772.

XX SNP: single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB0000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIC-) EPIDENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 262880; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 2 A; 3 C; 0 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCCT 913

|||||

Db 4 TCAATTTCT 12

RESULT 3024
ABC68273/c
ID ABC68273 standard; DNA; 13 BP.

XX AC ABC68273;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 68290 for detecting SNP TSC0017818.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

PS Claim 1; SEQ ID NO 68290; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 7 A; 3 C; 1 G; 1 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGGTCATTTTC 912
Db 11 TGGTCGTTT 1
|||||

RESULT 3025
ABC69070
ID ABC69070 standard; DNA; 13 BP.

XX AC ABC69070;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 69087 for detecting SNP TSC0017982.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DB-01019173.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DB-01019173.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

PS Claim 1; SEQ ID NO 69087; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
Db 4 TTGGTTTAA 12
|||||

RESULT 3026
ABC45131/c
ID ABC45131 standard; DNA; 13 BP.

XX AC ABC45131;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 45148 for detecting SNP TSC0013178.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DB-01019173.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

PS Claim 1; SEQ ID NO 69087; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
Db 4 TTGGTTTAA 12
|||||


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SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 9 TTAATGTAT 1
|||||
RESULT 3029
ABF01103/C
ID ABF01103 standard; DNA; 13 BP.
XX AC ABF01103;
XX AC ABF01103;
DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 101100 for detecting SNP TSC0025158.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX PD 06-APR-2001; 2001WO-IB000713.
XX PF 07-APR-2000; 2000DE-01019173.
XX PR (EPIG-) EPIGENOMICS AG.
XX PA Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 101100; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI92073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 11 TTTAATGTA 3
|||||
RESULT 3030
ABC01413/C
ID ABC01413 standard; DNA; 13 BP.
XX AC ABF01308;
XX AC ABF01308;
DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 101305 for detecting SNP TSC0025221.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
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XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB0000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 101305; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred.No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 3 TTTAATGTA 11
 RESULT 3032
 ABC79139/c
 ID ABC79139 standard; DNA; 13 BP.
 AC ABC79139;
 XX 21-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 79156 for detecting SNP TSC0020133.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB0000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 4709; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred.No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 3 TTTAATGTA 11
 RESULT 3032
 ABC79139/c
 ID ABC79139 standard; DNA; 13 BP.
 AC ABC79139;
 XX 21-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 79156 for detecting SNP TSC0020133.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB0000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 4709; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 79156; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred.No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 13 TTTAATGTA 5
 RESULT 3033
 ABC04718/c
 ID ABC04718 standard; DNA; 13 BP.
 XX ABC04718;
 XX 20-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 4709 for detecting SNP TSC0001694.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB0000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 4709; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;

central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 0 C; 5 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945
Db 12 CTCCTTCATT 4

RESULT 3034
ABC63699/C
ID ABC63699 standard; DNA; 13 BP.
XX AC ABC63699;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 63716 for detecting SNP TSC0016926.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX Claim 1; SEQ ID NO 63716; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
Db 9 ATTGGTTTA 1

RESULT 3035
ABC90351/C
ID ABC90351 standard; DNA; 13 BP.
XX AC ABC90351;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 90368 for detecting SNP TSC0022651.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX Claim 1; SEQ ID NO 90368; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 8 A; 3 C; 0 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
Db 11 TTTTATTGGY 1

RESULT 3036
ABF19503/C
ID ABF19503 standard; DNA; 13 BP.
XX AC ABF19503;
XX DT 21-FEB-2002 (first entry)

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XX DE Oligonucleotide SEQ ID NO 119500 for detecting SNP TSC0029834.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 119500; 29pp + Sequence Listing; German.
XX XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Sequence 13 BP; 8 A; 1 C; 0 G; 4 T; 0 U; 0 Other;
XX XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Query Match 12.3%; Score 9; DB 1; Length 13;
XX PS Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX PS Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 948 TTTAATGTA 956
XX DB |||||
XX DB 9 TTTAATGTA 1
XX
XX RESULT 3037
XX ABF33097/c
XX ID ABF33097 standard; DNA; 13 BP.
XX AC ABF33097;
XX XX
XX XX 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 133094 for detecting SNP TSC0033208.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 133094; 29pp + Sequence Listing; German.
XX XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Query Match 12.3%; Score 9; DB 1; Length 13;
XX PS Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX PS Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 948 TTTAATGTA 956
XX DB |||||
XX DB 9 TTTAATGTA 1
XX
XX RESULT 3037
XX ABF33097/c
XX ID ABF33097 standard; DNA; 13 BP.
XX AC ABF33097;
XX XX
XX XX 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 133094 for detecting SNP TSC0033208.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.

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PF 06-APR-2001; 2001WO-IB000713.
PR 07-APR-2000; 2000DE-01019173.
PA (EPIG-) EPIGENOMICS AG.
PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 133094; 29pp + Sequence Listing; German.
XX XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX PS Query Match 12.3%; Score 9; DB 1; Length 13;
XX PS Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX PS Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 908 TTTTCTTTGGT 918
XX DB |||||
XX DB 11 TTTTGTGTGGY 1
XX
XX RESULT 3038
XX ABF39141
XX ID ABF39141 standard; DNA; 13 BP.
XX AC ABF39141;
XX XX
XX XX 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 139138 for detecting SNP TSC0034852.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.

```

XX PS Claim 1; SEQ ID NO 139138; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 8 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 931 TCCCTCCCTC 939
Db 1 TCCCTCCCTC 9

RESULT 3039
ABF45493/c
ID ABF45493 standard; DNA; 13 BP.
XX AC ABF45493;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 145490 for detecting SNP TSC0036633.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 145490; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 4 C; 0 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 947 GTTTAATGTA 957
Db 11 GTTTAAGTAY 1

RESULT 3040
ABF73039/c
ID ABF73039 standard; DNA; 13 BP.
XX AC ABF73039;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 173036 for detecting SNP TSC0005233.
XX SN; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 173036; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 948 TTTAATGTA 956
Db 11 TTTAAGTA 3

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RESULT 3041
ABF50734
ID ABF50734 standard; DNA; 13 BP.
XX
AC ABF50734;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 199176 for detecting SNP TSC0049015.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 199176; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 13 TTTAATGTA 5

RESULT 3042
ABF50734
ID ABF50734 standard; DNA; 13 BP.
XX
AC ABF50734;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 150731 for detecting SNP TSC0038032.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

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KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 150731; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 2 TTAATGTAT 10

RESULT 3043
ABF52509/c
ID ABF52509 standard; DNA; 13 BP.
XX
AC ABF52509;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 152506 for detecting SNP TSC0038549.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.

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XX FI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 152506; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 0 C; 5 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 908 TTTTCTTTGGT 918
XX DB 11 TTTTCTTTGGY 1
XX
XX RESULT 3044
XX ABH32688
XX ID ABH32688 standard; DNA; 13 BP.
XX AC ABH32688;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 232665 for detecting SNP TSC0056735.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 232665; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 10 A; 2 C; 0 G; 0 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 908 TTTTCTTTGGT 918
XX DB 11 TTTTCTTTGGY 1
XX
XX RESULT 3045
XX ABH08413/C
XX ID ABH08413 standard; DNA; 13 BP.
XX AC ABH08413;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 208390 for detecting SNP TSC0050927.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX CC Set of oligonucleotides, useful for diagnosis and cell typing, is
XX CC designed to detect single-nucleotide polymorphisms and cytosine
XX CC methylation status.
XX PS Claim 1; SEQ ID NO 208390; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 3 C; 1 G; 3 T; 0 U; 0 Other;

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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TGGTTTAAT 953
Db 13 TGGTTTAAT 5

RESULT 3046
ABH33666/C
ID ABH33666 standard; DNA; 13 BP.
AC ABH33666;
XX
DT 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 233643 for detecting SNP TSC0057028.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 233643; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 1 C; 6 G; 2 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCCT 938
Db 10 ATCCCTCCT 2

RESULT 3047
ABF84617
ID ABF84617 standard; DNA; 13 BP.
XX

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AC ABF84617;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 184614 for detecting SNP TSC0008611.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 184614; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 1 C; 0 G; 9 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 3 ATTTCCTTT 11

RESULT 3048
ABH37378
ID ABH37378 standard; DNA; 13 BP.
XX
AC ABH37378;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 237355 for detecting SNP TSC0057892.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.

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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 4 A; 0 C; 9 G; 0 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCCTCT 940
 |||||
 9 CCTCCTCT 1

Db
 RESULT 3051
 ABH15416/c
 ID ABH15416 standard; DNA; 13 BP.
 XX
 AC ABH15416;
 XX
 DT 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 215393 for detecting SNP TSC0005293.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 215393; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 7 A; 0 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTCATT 945
 |||||
 12 CTCCTCATT 4

Db
 RESULT 3052
 ABH49633
 ID ABH49633 standard; DNA; 13 BP.
 XX
 AC ABH49633;
 XX
 DT 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 249610 for detecting SNP TSC0060979.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 249610; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 4 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTATATCCC 934
 |||||
 5 TTTATATCCC 13

Db
 RESULT 3053
 ABC93065/c
 ID ABC93065 standard; DNA; 13 BP.
 XX
 AC ABC93065;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 93082 for detecting SNP TSC0023271.


```

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 93082; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 943 ATTGTTTA 951
XX 10 ATTGTTTA 2
XX
XX RESULT 3054
XX ABC93387/c
XX ID ABC93387 standard; DNA; 13 BP.
XX AC ABC93387;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 93404 for detecting SNP TSC0023337.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.

```

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PR 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 93404; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 7 A; 5 C; 0 G; 0 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 909 TTCTTTTGTC 919
XX 11 TTGTTTGTC 1
XX
XX RESULT 3055
XX ABC21582/c
XX ID ABC21582 standard; DNA; 13 BP.
XX AC ABC21582;
XX
XX DT 20-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 21599 for detecting SNP TSC0004334.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 21599; 29pp + Sequence Listing; German.

```

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0;
 QY 907 ATTTCCTT 915
 Db 13 ATTTCCTT 5
 |||||
 RESULT 3056
 ABC72752
 ID ABC72752 standard; DNA; 13 BP.
 AC ABC72752;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 72769 for detecting SNP TSC0018794.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2000; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 72769; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0;
 QY 949 TTAATGTAT 957
 Db 5 TTAATGTAT 13
 |||||
 RESULT 3057
 ABC98320/C
 ID ABC98320 standard; DNA; 13 BP.
 AC ABC98320;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 98337 for detecting SNP TSC0024436.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2000; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 98337; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 1 C; 5 G; 3 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0;
 QY 955 TATCGCTAC 963
 Db 9 TATCGCTAC 1
 |||||
 RESULT 3058

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ABC28792/c
ID ABC28792 standard; DNA; 13 BP.
XX
AC ABC28792;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 28809 for detecting SNP TSC0008389.
XX
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 28809; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCCTTT 915
DB 12 ATTTCCTTT 4
RESULT 3059
ABC30021/c
ID ABC30021 standard; DNA; 13 BP.
XX
AC ABC30021;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 30038 for detecting SNP TSC0009041.
XX
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 28809; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 10 A; 0 C; 1 G; 2 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCCTTT 915
DB 12 ATTTCCTTT 4
RESULT 3060
ABC05633/c
ID ABC05633 standard; DNA; 13 BP.
XX
AC ABC05633;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 5624 for detecting SNP TSC0001850.
XX
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
|||||
4 ATTTCCTTT 12

Db

RESULT 3063
ABC56914
ID ABC56914 standard; DNA; 13 BP.
XX
AC ABC56914;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 56931 for detecting SNP TSC0015407.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 56931; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
|||||
3 TTTAATGTA 11

Db

RESULT 3064
ABC32665/c
ID ABC32665 standard; DNA; 13 BP.
XX
AC ABC32665;
XX

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
|||||
3 TTTAATGTA 11

Db

RESULT 3065
ABC84466
ID ABC84466 standard; DNA; 13 BP.
XX
AC ABC84466;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 84483 for detecting SNP TSC0021255.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTA 958
|||||
11 TTTAATGTA 1

Db

RESULT 3065
ABC84466
ID ABC84466 standard; DNA; 13 BP.
XX
AC ABC84466;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 84483 for detecting SNP TSC0021255.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.

```

XX PF 06-APR-2001; 2001WO-IB0000713.
XX PF 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 84483; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 948 TTTAATGATC 958
XX DB 3 TTTAATGATC 13
XX
XX RESULT 3066
XX ABC10635/C
XX ID ABC10635 standard; DNA; 13 BP.
XX AC ABC10635;
XX AC ABC10635;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 10626 for detecting SNP TSC0002670.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 35074; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 943 ATTGGTTTA 951
XX DB 10 ATTGGTTTA 2
XX
XX RESULT 3067
XX ABC35057/C
XX ID ABC35057 standard; DNA; 13 BP.
XX AC ABC35057;
XX XX 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 35074 for detecting SNP TSC0011132.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB0000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 35074; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 6 A; 4 C; 1 G; 1 T; 0 U; 1 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCTTTTAT 931
DB 11 TTGCTTTTAY 1

RESULT 3068
ABF12490/C
ID ABF12490 standard; DNA; 13 BP.
XX AC ABF12490;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 112487 for detecting SNP TSC0028130.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

OS WO200177384-A2.
FN 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 112487; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 1 C; 5 G; 3 T; 0 U; 0 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 957 TCGCTACCA 965
DB 9 TCGCTACCA 1

RESULT 3069
ABC37555
ID ABC37555 standard; DNA; 13 BP.
XX AC ABC37555;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 37572 for detecting SNP TSC0011694.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.

XX WO200177384-A2.
FN 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 37572; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
SQ Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
DB 4 ATTTCCTTT 12

RESULT 3070
ABC87508
ID ABC87508 standard; DNA; 13 BP.
XX AC ABC87508;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 87525 for detecting SNP TSC0022011.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 PN
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 87525; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 Db 5 TTGGTTTAA 13
 |||||
 RESULT 3071
 ABC64902
 ID ABC64902 standard; DNA; 13 BP.
 XX
 AC ABC64902;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 64919 for detecting SNP TSC0017101.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 130881; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 64919; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 1 C; 2 G; 6 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 943 ATTGGTTTAA 953
 Db 3 ATTGGTTTAA 13
 |||||
 RESULT 3072
 ABF30884/C
 ID ABF30884 standard; DNA; 13 BP.
 XX
 AC ABF30884;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 130891 for detecting SNP TSC0032668.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 130881; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934
DB 13 TTTTATCCC 5
|||||

RESULT 3073
ABF37417
ID ABF37417 standard; DNA; 13 BP.
XX
AC ABF37417;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 137414 for detecting SNP TSC0034333.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 137414; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTTATCCC 935
DB 3 TTTTATCCC 11
|||||

RESULT 3075
ABF69143/C
ID ABF69143 standard; DNA; 13 BP.

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 924 CCTTTTATC 932
DB 2 CCTTTTATC 10
|||||

RESULT 3074
ABF67623
ID ABF67623 standard; DNA; 13 BP.
XX
AC ABF67623;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 167620 for detecting SNP TSC0041952.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 167620; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 4 C; 0 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTTATCCC 935
DB 3 TTTTATCCC 11
|||||

RESULT 3075
ABF69143/C
ID ABF69143 standard; DNA; 13 BP.

XX ABF69143;
AC
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 169140 for detecting SNP TSC0042261.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
PN
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 169140; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
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CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
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CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 945 TGGTTTAATGT 955
XX |||||
XX 11 TGAATTAATGY 1
XX
XX RESULT 3076
XX ABH19781/c
XX ID ABH19781 standard; DNA; 13 BP.
XX
XX AC ABH19781;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 219758 for detecting SNP TSC0053464.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX OS

PN WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 219758; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 944 TTGGTTTAA 952
XX |||||
XX 11 TTGGTTTAA 3
XX
XX RESULT 3077
XX ABF70317
XX ID ABF70317 standard; DNA; 13 BP.
XX
XX AC ABF70317;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 170314 for detecting SNP TSC0042509.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX OS
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX DR

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
|||||
RESULT 3079
ABF46238
ID ABF46238 standard; DNA; 13 BP.
XX
AC ABF46238;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 146235 for detecting SNP TSC0036844.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 146235; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
|||||
RESULT 3079
ABF46238
ID ABF46238 standard; DNA; 13 BP.
XX
AC ABF46238;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 146235 for detecting SNP TSC0036844.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 146235; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
|||||
RESULT 3079
ABF46238
ID ABF46238 standard; DNA; 13 BP.
XX
AC ABF46238;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 146235 for detecting SNP TSC0036844.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 146235; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 170314; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 6 C; 0 G; 5 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCTCTT 941
Db 4 CCTCTCTT 12
|||||
RESULT 3078
ABF70798
ID ABF70798 standard; DNA; 13 BP.
XX
AC ABF70798;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 170795 for detecting SNP TSC0042607.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 170795; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 6 C; 0 G; 5 T; 0 U; 1 Other;

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QY 947 GTTTAATCT 955
Db 2 GTTTAATCT 10
|||||
RESULT 3080
ABF74097
ID ABH22110 standard; DNA; 13 BP.
XX AC ABH22110;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 222087 for detecting SNP TSC0054045.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 222087; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 1 A; 0 C; 3 G; 8 T; 0 U; 1 Other;
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGT 918
Db 3 TTTTCTTTGGY 13
|||||
RESULT 3081
ABF74097
ID ABF74097 standard; DNA; 13 BP.
XX AC ABF74097;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 199806 for detecting SNP TSC0049154.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.

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DE Oligonucleotide SEQ ID NO 174094 for detecting SNP TSC0043318.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 174094; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 925 CTTTATCC 933
Db 1 CTTTATCC 9
|||||
RESULT 3082
ABF99809
ID ABF99809 standard; DNA; 13 BP.
XX AC ABF99809;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 199806 for detecting SNP TSC0049154.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.

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XX 07-APR-2000; 2000DE-01019173.
PR (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 199806; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 1 A; 2 C; 0 G; 10 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCCTTT 915
Db 2 ATTTCCTT 10
RESULT 3083
ABH26166
ID ABH26166 standard; DNA; 13 BP.
XX AC ABH26166;
XX 22-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 226143 for detecting SNP TSC0055122.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 199806; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 2 A; 0 C; 2 G; 8 T; 0 U; 1 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTGGT 918
Db 3 TTTTATTTGGY 13
RESULT 3084
ABF54253
ID ABF54253 standard; DNA; 13 BP.
XX AC ABF54253;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 154250 for detecting SNP TSC0038983.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 154250; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 5 C; 0 G; 3 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 930 ATCCCTCCT 938
Db 2 ATCCCTCCT 10
|||||

RESULT 3085
ABH31033/c
ID ABH31033 standard; DNA; 13 BP.
XX
AC ABH31033;
XX
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 231010 for detecting SNP TSC0007714.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 231010; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 4 C; 0 G; 4 T; 0 U; 1 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 947 GTTAAATGAT 957
Db 11 GTTGAATGAT 1
|||||

RESULT 3086
ABH06168
ID ABH06168 standard; DNA; 13 BP.
XX
AC ABH06168;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206145 for detecting SNP TSC0050498.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 206145; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 948 TTTAATGTATC 958
Db 3 TTTAATGTGT 13
|||||

RESULT 3087
ABF57868
ID ABF57868 standard; DNA; 13 BP.
XX
AC ABF57868;
XX
XX 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 157865 for detecting SNP TSC0039755.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

```


CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 4 A; 0 C; 1 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGATC 958

Db 3 TTTAATGTTT 13

RESULT 3090

ABF64673

ID ABF64673 standard; DNA; 13 BP.

XX AC ABF64673;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 164670 for detecting SNP TSC0006368.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX Peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX Central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is

PT designed to detect single-nucleotide polymorphisms and cytosine

PT methylation status.

XX Claim 1; SEQ ID NO 164670; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 2 A; 3 C; 0 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGATC 958

Db 3 TTTAATGTTT 13

RESULT 3092

ABH57232/c

ID ABH57232 standard; DNA; 13 BP.

XX AC ABH57232;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCTTCATT 945

Db 2 CTCTTCATT 10

RESULT 3091

ABH5806

ID ABH5806 standard; DNA; 13 BP.

XX AC ABH5806;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 255783 for detecting SNP TSC00062332.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX Peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX Central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is

PT designed to detect single-nucleotide polymorphisms and cytosine

PT methylation status.

XX Claim 1; SEQ ID NO 255783; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

CC range of diseases including immune system, gastrointestinal, respiratory,

CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence

CC data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WIPO at

CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957

Db 3 TTAATGTAT 11

RESULT 3092

ABH57232/c

ID ABH57232 standard; DNA; 13 BP.

XX AC ABH57232;

PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 94543; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956

Db 5 TTTAATGTA 13

RESULT 3095

ABC21583
 ID ABC21583 standard; DNA; 13 BP.

XX ABC21583;

XX 20-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 21600 for detecting SNP TSC0004334.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 21600; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915

Db 1 ATTTCCTTT 9

RESULT 3096

ABC98321
 ID ABC98321 standard; DNA; 13 BP.

XX ABC98321;

XX 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 98338 for detecting SNP TSC0024436.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 98338; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 955 TATCGCTAC 963

```

Db      5 TATCGCTAC 13
RESULT 3097
ABC28051/C
ID ABC28051 standard; DNA; 13 BP.
XX
AC ABC28051;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 28058 for detecting SNP TSC0007927.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 28068; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 2 C; 0 G; 5 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 943 ATTGCTTTAAT 953
DB 11 ATTGCTATAAY 1
|||||
RESULT 3098
ABC06461/C
ID ABC06461 standard; DNA; 13 BP.
XX
AC ABC06461;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 6452 for detecting SNP TSC0001985.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
Claim 1; SEQ ID NO 6452; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
DB 11 TTTAATGTA 3
|||||
RESULT 3099
ABC07319
ID ABC07319 standard; DNA; 13 BP.
XX
AC ABC07319;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 7310 for detecting SNP TSC0002136.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.

```

XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 7310; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-RBF9989, ABH00010-ABH9989 and ABT00010-ABT82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 905 TCATTCTCT 913
 DB 4 TCATTCTCT 12
 RESULT 3100
 ABC56915/c
 ID ABC56915 standard; DNA; 13 BP.
 XX AC ABC56915;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 56932 for detecting SNP TSC0015407.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 56932; 29pp + Sequence Listing; German.

CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-RBF9989, ABH00010-ABH9989 and ABT00010-ABT82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 11 TTTAATGTA 3
 RESULT 3101
 ABC83126/c
 ID ABC83126 standard; DNA; 13 BP.
 XX AC ABC83126;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 83143 for detecting SNP TSC0020967.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 83143; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-RBF9989, ABH00010-ABH9989 and ABT00010-ABT82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

RESULT 3103
ABC10634

CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABI0010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 3 G; 3 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCC 934
Db 9 TTTTATCC 1

RESULT 3107
ABC88438/c
ID ABC88438 standard; DNA; 13 BP.
XX
AC ABC88438;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 88455 for detecting SNP TSC0022228.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
PS Claim 1; SEQ ID NO 88455; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABI0010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 CCTCTTCAT 944
Db 9 CCTCTTCAT 1

RESULT 3108
ABC64249
ID ABC64249 standard; DNA; 13 BP.
XX
AC ABC64249;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 64266 for detecting SNP TSC0016953.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
XX
PS Claim 1; SEQ ID NO 64266; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC00010
-ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABI0010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 4 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 904 GTCATTTCTT 914
Db 1 RTCATTTCTT 11

RESULT 3109
ABF15156
ID ABF15156 standard; DNA; 13 BP.
XX
AC ABF15156;
XX
DT 21-FEB-2002 (first entry)

```

XX DE Oligonucleotide SEQ ID NO 115153 for detecting SNP TSC0028850.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 115153; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX QY 908 TTTTCTTTGGT 918
XX Db 3 TTTTCTTTGGY 13
XX RESULT 3110
XX ABF22308/c
XX ID ABF22308 standard; DNA; 13 BP.
XX AC ABF22308;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 122305 for detecting SNP TSC0030566.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 122305; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 8 G; 0 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 931 TCCTCTCTC 939
XX Db 9 TCCTCTCTC 1
XX RESULT 3111
XX ABF26005/c
XX ID ABF26005 standard; DNA; 13 BP.
XX AC ABF26005;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 126002 for detecting SNP TSC0031524.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal, respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.

```


XX PS Claim 1; SEQ ID NO 126002; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 12 TTTAATGTA 4
|||||

RESULT 3112
ABF40353
ID ABF40353 standard; DNA; 13 BP.

XX AC ABF40353;

XX DT 21-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 140350 for detecting SNP TSC0035179.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX FN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

XX Claim 1; SEQ ID NO 140350; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 2 A; 5 C; 1 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 956 ATCGCTACCAA 966
DB 1 RTCGCTCCCAA 11
|||||

RESULT 3113
ABF40354/c
ID ABF40354 standard; DNA; 13 BP.

XX AC ABF40354;

XX DT 21-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 140351 for detecting SNP TSC0035179.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX FN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

XX Claim 1; SEQ ID NO 140351; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 5 A; 1 C; 4 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 956 ATCGCTACCAA 966
DB 13 RTCGCTCCCAA 3
|||||

central nervous system; gastrointestinal; respiratory; immune; metabolic;	central nervous system; gastrointestinal; respiratory; immune; metabolic;
Homo sapiens.	Homo sapiens.
WO200177384-A2.	WO200177384-A2.
18-OCT-2001.	18-OCT-2001.
06-APR-2001; 2001WO-IB000713.	06-APR-2001; 2001WO-IB000713.
07-APR-2000; 2000DE-01019173.	07-APR-2000; 2000DE-01019173.
(EPIG-) EPIGENOMICS AG.	(EPIG-) EPIGENOMICS AG.
Olek A. Piepenbrock C, Berlin X;	Olek A. Piepenbrock C, Berlin X;
WPI; 2001-657177/75.	WPI; 2001-657177/75.
Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.	Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
Claim 1; SEQ ID NO 146236; 29pp + Sequence Listing; German.	Claim 1; SEQ ID NO 146236; 29pp + Sequence Listing; German.
This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences	This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;	Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;	Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;	Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0	Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0
947 GTTTAATGT 955	947 GTTTAATGT 955
12 GTTTAATGT 4	12 GTTTAATGT 4
QY	QY
DB	DB
RESULT 3116	RESULT 3116
ABF46626/c	ABF46626/c
ID ABF46626 standard; DNA; 13 BP.	ID ABF46626 standard; DNA; 13 BP.
XX	XX
AC ABF46626;	AC ABF46626;
DT	DT
21-FEB-2002 (first entry)	21-FEB-2002 (first entry)
XX	XX
DE	DE
XX	XX
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;	SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
central nervous system; gastrointestinal; respiratory; immune; metabolic;	central nervous system; gastrointestinal; respiratory; immune; metabolic;
central nervous system; gastrointestinal; respiratory; immune; metabolic;	central nervous system; gastrointestinal; respiratory; immune; metabolic;

XX Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 146623; 29pp + Sequence Listing; German.
 PS
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 8 A; 0 C; 1 G; 3 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 947 GTTAAATGAT 957
 Db 13 RTTAAATCTAT 3
 RESULT 3117
 ABF97552
 ID ABF97552 standard; DNA; 13 BP.
 XX
 AC ABF97552;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 197549 for detecting SNP TSC0008772.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 197549; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 0 C; 3 G; 6 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 943 ATTGGTTTAAAT 953
 Db 3 ATTGGTTTGAAY 13
 RESULT 3118
 ABF99610
 ID ABF99610 standard; DNA; 13 BP.
 XX
 AC ABF99610;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 199607 for detecting SNP TSC0049105.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 199607; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

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Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTAAATGT 955
DB 2 GTTAAATGT 10
|||||
|

RESULT 3119
ABF50938
ID ABF50938 standard; DNA; 13 BP.
XX
AC ABF50938;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 150935 for detecting SNP TSC0038101.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 150935; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
DB 2 ATTGGTTTA 10
|||||
|

RESULT 3120
ABF83105/c
ID ABF83105 standard; DNA; 13 BP.
XX

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AC ABF83105;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 183102 for detecting SNP TSC0010528.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 183102; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTATAATGTA 956
DB 11 TTATAATGTA 3
|||||
|

RESULT 3121
ABH08412
ID ABH08412 standard; DNA; 13 BP.
XX
AC ABH08412;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 208389 for detecting SNP TSC0050927.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.

```

XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX XX
XX PR 07-APR-2000; 2000DE-01019173.
XX XX
XX PA (EPIG-) EPIGENOMICS AG.
XX XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX XX
XX PS Claim 1; SEQ ID NO 208389; 29pp + Sequence Listing; German.
XX XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX XX
XX SQ Sequence 13 BP; 3 A; 1 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 TTGGTTAAT 953
DB 1 TTGGTTAAT 9
|||||||
RESULT 3122
ABF83319/C
ID ABF83319 standard; DNA; 13 BP.
XX XX
XX AC ABF83319;
XX XX
XX DT 22-FEB-2002 (first entry)
XX XX
XX DE Oligonucleotide SEQ ID NO 183316 for detecting SNP TSC0045259.
XX XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX XX
XX OS Homo sapiens.
XX XX
XX PN WO200177384-A2.
XX XX
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX XX
XX PR 07-APR-2000; 2000DE-01019173.
XX XX
XX PA (EPIG-) EPIGENOMICS AG.
XX XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX XX

PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX XX
XX PS Claim 1; SEQ ID NO 183316; 29pp + Sequence Listing; German.
XX XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX XX
XX SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTTAA 952
DB 13 TTGGTTTAA 5
|||||||
RESULT 3123
ABF58427/C
ID ABF58427 standard; DNA; 13 BP.
XX XX
XX AC ABF58427;
XX XX
XX DT 21-FEB-2002 (first entry)
XX XX
XX DE Oligonucleotide SEQ ID NO 158424 for detecting SNP TSC0039887.
XX XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX XX
XX OS Homo sapiens.
XX XX
XX PN WO200177384-A2.
XX XX
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX XX
XX PR 07-APR-2000; 2000DE-01019173.
XX XX
XX PA (EPIG-) EPIGENOMICS AG.
XX XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX XX
XX PS Claim 1; SEQ ID NO 158424; 29pp + Sequence Listing; German.
XX XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX XX

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CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 81.8%; Pred. No. 1.5e+03;
  Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
DB 11 TTTTCTTTGGY 1

RESULT 3124
ABH33667
ID ABH33667 standard; DNA; 13 BP.
XX
AC ABH33667;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 233644 for detecting SNP TSC0057028.
XX
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPITG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
Claim 1; SEQ ID NO 233644; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 6 C; 1 G; 4 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCTCT 938

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DB 4 ATCCCTCTCT 12
|||||
|||||

RESULT 3125
ABH11241
ID ABH11241 standard; DNA; 13 BP.
XX
AC ABH11241;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 211218 for detecting SNP TSC0051533.
XX
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
Claim 1; SEQ ID NO 211218; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 4 C; 0 G; 6 T; 0 U; 0 Other;

  Query Match      12.3%; Score 9; DB 1; Length 13;
  Best Local Similarity 100.0%; Pred. No. 1.5e+03;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTTCCTT 914
DB 4 CATTTTCCTT 12
|||||

RESULT 3126
ABH13705
ID ABH13705 standard; DNA; 13 BP.
XX
AC ABH13705;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 213682 for detecting SNP TSC0052028.

```

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB0000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 213682; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 2 A; 5 C; 0 G; 6 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 934 CTCCTCTTC 942
Db 2 CTCCTCTTC 10
RESULT 3127
ABF88643
ID ABF88643 standard; DNA; 13 BP.
XX
XX ABF88643;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 188640 for detecting SNP TSC0046446.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB0000713.
XX

PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 188640; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 2 A; 3 C; 0 G; 8 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 905 TCATTTCCT 913
Db 5 TCATTTCCT 13
RESULT 3128
ABF65949
ID ABF65949 standard; DNA; 13 BP.
XX
XX ABF65949;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 165946 for detecting SNP TSC0007423.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB0000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 165946; 29pp + Sequence Listing; German.
XX

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: the sequence
 CC data for this patent did not form part of the invention. NOTE: the sequence
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 925 CTTTATCC 933
 DB 1 CTTTATCC 9
 RESULT 3129
 ABF91391
 ID ABF91391 standard; DNA; 13 BP.
 AC ABF91391;
 XX 22-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 191388 for detecting SNP TSC0047093.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 191388; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: the sequence
 CC data for this patent did not form part of the invention. NOTE: the sequence
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 906 CATTTCCT 914
 DB 5 CATTTCCT 13
 RESULT 3130
 ABH45604/C
 ID ABH45604 standard; DNA; 13 BP.
 AC ABH45604;
 XX 22-FEB-2002 (first entry)
 DT Oligonucleotide SEQ ID NO 245581 for detecting SNP TSC0059961.
 DE SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 PD 06-APR-2001; 2001WO-IB000713.
 PF 07-APR-2000; 2000DE-01019173.
 PR (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 245581; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: the sequence
 CC data for this patent did not form part of the invention. NOTE: the sequence
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 937 CTTTCATT 945
 DB 10 CTTTCATT 2
 RESULT 3131

XX DR WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 95143; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATGT 955
DB 2 GTTTAATGT 10
RESULT 3134
ABC95127/c
ID ABC95127 standard; DNA; 13 BP.
XX AC ABC95127;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 95144 for detecting SNP TSC0023695.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 95144; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATGT 955
DB 2 GTTTAATGT 10
RESULT 3135
ABC23822 standard; DNA; 13 BP.
XX AC ABC23822;
XX 20-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 23839 for detecting SNP TSC0005373.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (BPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 23839; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;

CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 947 GTTTAATGT 955
DB 12 GTTTAATGT 4
RESULT 3135
ABC23822 standard; DNA; 13 BP.
XX AC ABC23822;
XX 20-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 23839 for detecting SNP TSC0005373.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (BPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 23839; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABP00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 945 TGGTTTAAT 953
Db 5 TGGTTTAAT 13
RESULT 3136
ABC74242/c
ID ABC74242 standard; DNA; 13 BP.
XX AC ABC74242;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 74259 for detecting SNP TSC0019094.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX PF 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 49191; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 9 A; 0 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 1 TTTAATGTA 9
RESULT 3138
ABC74793/c
ID ABC74793 standard; DNA; 13 BP.
XX AC ABC74793;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 74810 for detecting SNP TSC0019217.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 907 ATTTCTTTT 915
Db 12 ATTTCTTTT 4
RESULT 3137
ABC49174
ID ABC49174 standard; DNA; 13 BP.
XX AC ABC49174;
XX
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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
|||||
Db 3 TTTAATGTA 11

RESULT 3141
ABC06712/C
ID ABC06712 standard; DNA; 13 BP.
XX AC ABC06712;
XX
XX 20-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 6703 for detecting SNP TSC0002033.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 6703; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 2 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
|||||
Db 11 ATTTTCTTT 3

RESULT 3142
ABC57715
ID ABC57715 standard; DNA; 13 BP.
XX AC ABC57715;
XX
XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 5732 for detecting SNP TSC0015557.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 5732; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 2 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCCT 913
|||||
Db 3 TCATTTCCT 11

RESULT 3143
ABC13537
ID ABC13537 standard; DNA; 13 BP.
XX AC ABC13537;
XX
XX 20-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 13544 for detecting SNP TSC0003129.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 13544; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, cardiovascular, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 906 CATTTCCTT 914
Db 1 CATTTCCTT 9
|||||||
RESULT 3144
ABC88439
ID ABC88439 standard; DNA; 13 BP.
XX
XX ABC88439;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 88456 for detecting SNP TSC0022228.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 88456; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 2 A; 4 C; 0 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 936 CCTCTTCAT 944
Db 5 CCTCTTCAT 13
|||||||
RESULT 3145
ABC14399
ID ABC14399 standard; DNA; 13 BP.
XX
XX ABC14399;
XX
XX 20-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 14406 for detecting SNP TSC0003259.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal, respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 14406; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 1 A; 1 C; 0 G; 10 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 2 ATTTCCTTT 10
|||||

RESULT 3146
ABF15155/c
ID ABF15155 standard; DNA; 13 BP.
XX
XX AC ABF15155;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 115152 for detecting SNP TSC0028850.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
FA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
PS Claim 1; SEQ ID NO 115152; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGT 918
Db 11 TTTTATTGGY 1
|||||

RESULT 3147
ABF26004
ID ABF26004 standard; DNA; 13 BP.
XX
XX AC ABF26004;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 126001 for detecting SNP TSC0031524.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
FA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
PS Claim 1; SEQ ID NO 126001; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 2 TTTAATGTA 10
|||||

RESULT 3148
ABF27636
ID ABF27636 standard; DNA; 13 BP.

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XX ABF27636;
AC
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 127633 for detecting SNP TSC0031952.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
FN
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIC-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 127633; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 945 TCGTTTAAAT 953
DB 3 TCGTTTAAAT 11
XX
RESULT 3149
ABF39140/c
ID ABF39140 standard; DNA; 13 BP.
XX
AC ABF39140;
XX
XX 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 139137 for detecting SNP TSC0034852.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
FN
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIC-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 127633; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 945 TCGTTTAAAT 953
DB 3 TCGTTTAAAT 11
XX
RESULT 3149
ABF39140/c
ID ABF39140 standard; DNA; 13 BP.
XX
AC ABF39140;
XX
XX 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 139137 for detecting SNP TSC0034852.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
FN
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIC-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 139137; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 931 TCCCTCCCTC 939
DB 13 TCCCTCCCTC 5
XX
RESULT 3150
ABF98782
ID ABF98782 standard; DNA; 13 BP.
XX
AC ABF98782;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 198779 for detecting SNP TSC0048916.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
FN
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIC-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX

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XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 198779; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 1 A; 0 C; 3 G; 8 T; 0 U; 1 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 308 TTTTCTTTGGT 918
Db 3 TTTTATTGGY 13
RESULT 3151
ABH06169/C
ID ABH06169 standard; DNA; 13 BP.
XX
AC ABH06169;
XX
XX 22-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 206146 for detecting SNP TSC0050498.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX WO200177384-A2.
FN
XX 18-OCT-2001.
PD
XX 06-APR-2001; 2001WO-IB000713.
PF
XX 07-APR-2000; 2000DE-01019173.
PR
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 206146; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 948 TTTAATGATC 958
Db 11 TTTAATGATG 1
RESULT 3152
ABF56728/C
ID ABF56728 standard; DNA; 13 BP.
XX
AC ABF56728;
XX
XX 21-FEB-2002 (first entry)
DT
DE Oligonucleotide SEQ ID NO 156725 for detecting SNP TSC0006978.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
XX WO200177384-A2.
FN
XX 18-OCT-2001.
PD
XX 06-APR-2001; 2001WO-IB000713.
PF
XX 07-APR-2000; 2000DE-01019173.
PR
XX (EPIG-) EPIGENOMICS AG.
PA
XX Olek A, Piepenbrock C, Berlin K;
PI
XX WPI; 2001-657177/75.
DR
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 156725; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 1 C; 4 G; 3 T; 0 U; 0 Other;
SQ
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 957 TCGCTACCA 965
 Db 9 TCGCTACCA 1
 RESULT 3153
 ABF56729
 ID ABF56729 standard; DNA; 13 BP.
 XX AC
 XX ABF56729;
 XX 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 156726 for detecting SNP TSC0006978.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 156726; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 3 A; 4 C; 1 G; 5 T; 0 U; 0 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred.No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 957 TCGCTACCA 965
 Db 5 TCGCTACCA 13
 RESULT 3154
 ABH32689/c
 ID ABH32689 standard; DNA; 13 BP.
 XX AC
 XX ABH32689;
 XX 22-FEB-2002 (first entry)
 XX

DE Oligonucleotide SEQ ID NO 232666 for detecting SNP TSC0056735.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 232666; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 5 C; 0 G; 2 T; 0 U; 0 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred.No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 943 ATTGGTTTA 951
 Db 9 ATTGGTTTA 1
 RESULT 3155
 ABF83318
 ID ABF83318 standard; DNA; 13 BP.
 XX AC
 XX ABF83318;
 XX 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 183315 for detecting SNP TSC0045259.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 183315; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 944 TTGGTTTAA 952
Db 1 TTGGTTTAA 9
RESULT 3156
ABF91580
ID ABF91580 standard; DNA; 13 BP.
XX AC ABF91580;
XX 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 191577 for detecting SNP TSC0047142.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX

PS Claim 1; SEQ ID NO 191577; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 949 TTAATGTAT 957
Db 2 TTAATGTAT 10
RESULT 3157
ABH61884/C
ID ABH61884 standard; DNA; 13 BP.
XX AC ABH61884;
XX 22-FEB-2002 (first entry)
DE Oligonucleotide SEQ ID NO 261861 for detecting SNP TSC0063535.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 261861; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at

CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934

DB 12 TTTTATCCC 4

RESULT 3158

ABC43716
 ID ABC43716 standard; DNA; 13 BP.

XX AC ABC43716;

XX DT 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 43733 for detecting SNP TSC0012908.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is

XX designed to detect single-nucleotide polymorphisms and cytosine

XX methylation status.

XX Claim 1; SEQ ID NO 43733; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;

XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951

DB 2 ATTGGTTTA 10

RESULT 3159

ABC69617

XX ID ABC69617 standard; DNA; 13 BP.

XX AC ABC69617;

XX DT 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 69634 for detecting SNP TSC0018115.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is

XX designed to detect single-nucleotide polymorphisms and cytosine

XX methylation status.

XX Claim 1; SEQ ID NO 69634; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 1 C; 0 G; 8 T; 0 U; 0 Other;

XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915

DB 2 ATTTCCTTT 10

RESULT 3160

ABC72153/C

XX ID ABC72153 standard; DNA; 13 BP.

XX AC ABC72153;

XX DT 21-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 72170 for detecting SNP TSC0018648.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 72170; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 11 TTTAATGTA 3
 RESULT 3161
 ABC49175/c
 ID ABC49175 standard; DNA; 13 BP.
 XX AC ABC49175;
 XX DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 49192 for detecting SNP TSC0013944.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 49192; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 11 TTTAATGTA 3

PI Olek A, Piepenbrock C, Berlin K;
 DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 49192; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 5 A; 1 C; 0 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 DB 13 TTTAATGTA 5
 RESULT 3162
 ABC74792
 ID ABC74792 standard; DNA; 13 BP.
 XX AC ABC74792;
 XX DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 74809 for detecting SNP TSC0019217.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 74809; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The

Query Match 12.3%; Score 9; DB 1; Length 13;

AC ABC51256;

PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 30095; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 943 ATTGGTTTA 951

Db 1 ATTGGTTTA 9

RESULT 3168

ABC31015
ID ABC31015 standard; DNA; 13 BP.

AC ABC31015;

DT 20-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 31032 for detecting SNP TSC00095560.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 31032; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 905 TCATTTTCT 913

Db 5 TCATTTTCT 13

RESULT 3169

ABC07438/c
ID ABC07438 standard; DNA; 13 BP.

XX AC ABC07438;

XX 20-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 7429 for detecting SNP TSC0002158.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX Claim 1; SEQ ID NO 7429; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 907 ATTTCCTTT 915

Db 5 ATTTCCTTT 13

XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 35223; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX

XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
DB 3 TTAATGTAT 11
|||||
RESULT 3173
ABC64903/c
ID ABC64903 standard; DNA; 13 BP.
XX AC ABC64903;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 64920 for detecting SNP TSC0017101.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 64920; 29pp + Sequence Listing; German.

XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 35223; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX

XX SQ Sequence 13 BP; 6 A; 2 C; 1 G; 3 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 943 ATTGTTTAAT 953
DB 11 ATTGTTTAAT 1
|||||
RESULT 3174
ABC90352
ID ABC90352 standard; DNA; 13 BP.
XX AC ABC90352;
XX 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 90369 for detecting SNP TSC0022651.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 90369; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX

SQ Sequence 13 BP; 0 A; 0 C; 4 G; 8 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 308 TTTTCTTTGGT 918
 |||||
 Db 3 TTTTGTGGY 13

RESULT 3175
 ABF16825
 ID ABF16825 standard; DNA; 13 BP.
 AC ABF16825;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 116822 for detecting SNP TSC0029233.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 FN
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 116822 for detecting SNP TSC0029233.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 FN
 XX
 DT 18-OCT-2001.
 DE
 XX 06-APR-2001; 2001WO-IB000713.
 PF
 XX 07-APR-2000; 2000DE-01019173.
 PR
 XX (EPIG-) EPIGENOMICS AG.
 PA
 XX Olek A, Piepenbrock C, Berlin K;
 PI
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PS
 XX Claim 1; SEQ ID NO 116822; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 7 C; 0 G; 3 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 331 TCCCTCCTC 939
 |||||
 Db 4 TCCCTCCTC 12

RESULT 3176
 ABF19825/c
 ID ABF19825 standard; DNA; 13 BP.
 AC ABF19825;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 120967 for detecting SNP TSC0030182.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS

ID ABF19825 standard; DNA; 13 BP.
 XX
 AC ABF19825;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 119822 for detecting SNP TSC0039902.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 FN
 XX
 DT 18-OCT-2001.
 DE
 XX 06-APR-2001; 2001WO-IB000713.
 PF
 XX 07-APR-2000; 2000DE-01019173.
 PR
 XX (EPIG-) EPIGENOMICS AG.
 PA
 XX Olek A, Piepenbrock C, Berlin K;
 PI
 XX WPI; 2001-657177/75.
 DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 PS
 XX Claim 1; SEQ ID NO 119822; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 5 A; 2 C; 0 G; 5 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTAT 957
 |||||
 Db 11 TTAATGTAT 3

RESULT 3177
 ABF20970/c
 ID ABF20970 standard; DNA; 13 BP.
 AC ABF20970;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 120967 for detecting SNP TSC0030182.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS

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XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 120967; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 907 ATTTCTTT 915
Db 12 ATTTCTTT 4
XX
RESULT 3178
ABF33099/c
XX ID ABF33099 standard; DNA; 13 BP.
XX AC ABF33099;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 133096 for detecting SNP TSC0033208.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 133096; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 9 A; 0 C; 2 G; 2 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 907 ATTTCTTT 915
Db 12 ATTTCTTT 4
XX
RESULT 3179
ABF35934/c
XX ID ABF35934 standard; DNA; 13 BP.
XX AC ABF35934;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 135931 for detecting SNP TSC0033944.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX XX
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 135931; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,

```

CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 0 C; 6 G; 1 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTC 942
 DB 12 CTCCTCTTC 4

RESULT 3180
 ABF67404/C
 ID ABF67404 standard; DNA; 13 BP.

XX AC ABF67404;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 167401 for detecting SNP TSC0041907.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX XX WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX PS Claim 1; SEQ ID NO 167401; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 0 C; 3 G; 3 T; 0 U; 0 Other;

XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCT 935
 DB 13 TTTATCCCT 5

RESULT 3181
 ABF93596
 ID ABF93596 standard; DNA; 13 BP.

XX AC ABF93596;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 193593 for detecting SNP TSC0047627.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX XX WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX XX WPI; 2001-657177/75.

XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX PS Claim 1; SEQ ID NO 193593; 29pp + Sequence Listing; German.

XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 5 A; 1 C; 3 G; 4 T; 0 U; 0 Other;

XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 951 AATGTATCG 959
 DB 4 AATGTATCG 12

RESULT 3182
 ABF94866
 ID ABF94866 standard; DNA; 13 BP.

XX AC ABF94866;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 194863 for detecting SNP TSC0005457.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 194863; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 5 A; 0 C; 3 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 948 TTTAATGTA 956
 Db 1 TTTAATGTA 9
 RESULT 3183
 ABF45492
 ID ABF45492 standard; DNA; 13 BP.
 AC ABF45492;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 145489 for detecting SNP TSC0036633.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 145489; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI02073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 2 A; 0 C; 4 G; 6 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 947 GTTAAATGTA 957
 Db 3 GTTAAATGTA 13
 RESULT 3184
 ABF46627
 ID ABF46627 standard; DNA; 13 BP.
 AC ABF46627;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 146624 for detecting SNP TSC0036981.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX PN WO200177384-A2.
 XX PD 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX DR WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

CC Claim 1; SEQ ID NO 146624; 29pp + Sequence Listing; German.
 CC
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 3 A; 1 C; 0 G; 8 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 XX
 QY 947 GTTTAATGAT 957
 DB 1 RTTTAATCTAT 11
 :|||||
 RESULT 3185
 ABF46745
 ID ABF46745 standard; DNA; 13 BP.
 AC
 ABF46745;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 146742 for detecting SNP TSC0037012.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 FN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 OS WPI; 2001-657177/75.
 XX
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 146742; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 3 A; 1 C; 0 G; 8 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 XX
 QY 947 GTTTAATGAT 957
 DB 1 RTTTAATCTAT 11
 :|||||
 RESULT 3185
 ABF46745
 ID ABF46745 standard; DNA; 13 BP.
 AC
 ABF46745;
 XX
 DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 146742 for detecting SNP TSC0037012.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 FN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 OS WPI; 2001-657177/75.
 XX
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 146742; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 QY 905 TCATTTTCT 913
 DB 2 TCATTTTCT 10
 :|||||
 RESULT 3186
 ABH22108
 ID ABH22108 standard; DNA; 13 BP.
 AC
 ABH22108;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 222085 for detecting SNP TSC0054045.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 FN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 OS WPI; 2001-657177/75.
 XX
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 222085; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 CC
 XX Sequence 13 BP; 1 A; 0 C; 2 G; 9 T; 0 U; 1 Other;
 SQ
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 XX
 QY 908 TTTCTTTGGT 918
 DB 3 TTTTITGGY 13
 :|||||

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RESULT 3187
ABH22109/c
ID ABH22109 standard; DNA; 13 BP.
XX
XX AC ABH22109;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 222086 for detecting SNP TSC0054045.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX FN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX DR WPI; 2001-657177/75.
XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX PS Claim 1; SEQ ID NO 222086; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX QY 908 TTTTCTTTGGT 918
XX
XX DB 11 TTTTCTTTGGY 1
XX
XX RESULT 3188
ABF99808/c
ID ABF99808 standard; DNA; 13 BP.
XX
XX AC ABF99808;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 199805 for detecting SNP TSC0049154.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX FN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX DR WPI; 2001-657177/75.
XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX PS Claim 1; SEQ ID NO 199805; 29pp + Sequence Listing; German.
XX
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX SQ Sequence 13 BP; 10 A; 0 C; 2 G; 1 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 907 ATTTCCTTT 915
XX
XX DB 12 ATTTCCTTT 4
XX
XX RESULT 3189
ABH00054/c
ID ABH00054 standard; DNA; 13 BP.
XX
XX AC ABH00054;
XX
XX DT 22-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 200031 for detecting SNP TSC0049223.
XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX FN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.

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XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 200031; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTTCTT 914
Db 10 CATTTTCTT 2
RESULT 3190
ABF75025/C
ID ABF75025 standard; DNA; 13 BP.
XX AC ABF75025;
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 175022 for detecting SNP TSC0043505.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 175022; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
Db 12 TTTAATGTA 4
RESULT 3191
ABF50735/C
ID ABF50735 standard; DNA; 13 BP.
XX AC ABF50735;
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 150732 for detecting SNP TSC0038032.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 150732; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
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Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957

DB 12 TTAATGTAT 4

RESULT 3192

ABF55297/c
 ID ABF55297 standard; DNA; 13 BP.

XX
 AC ABF55297;

XX 21-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 155294 for detecting SNP TSC0001351.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

XX (EPIC-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 155294; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABH00010-ABH82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 5 A; 1 C; 0 G; 6 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958

DB 11 TTTAATGTAT 1

RESULT 3193

ABH33438/c
 ID ABH33438 standard; DNA; 13 BP.

XX

AC ABH33438;

XX 22-FEB-2002 (first entry)

XX Oligonucleotide SEQ ID NO 233415 for detecting SNP TSC0056954.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIC-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 233415; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABH00010-ABH82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX Sequence 13 BP; 4 A; 0 C; 6 G; 2 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCC 937

DB 9 TATCCCTCC 1

RESULT 3194

ABH09027/c

ID ABH09027 standard; DNA; 13 BP.

XX ABH09027;

XX 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 209004 for detecting SNP TSC0051043.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 209004; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 948 TTTAATGTA 956
Db 11 TTTAATGTA 3
RESULT 3195
ABF84616/c
ID ABF84616 standard; DNA; 13 BP.
XX AC ABF84616;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 184613 for detecting SNP TSC0008611.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 210065; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 9 A; 0 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 907 ATTTCTTT 915
Db 11 ATTTCTTT 3
RESULT 3196
ABH10088
ID ABH10088 standard; DNA; 13 BP.
XX AC ABH10088;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 210065 for detecting SNP TSC0051290.
XX SNF; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 210065; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955
|||||
DB 1 GTTTAATGT 9

RESULT 3197
ABF86232/C
ID ABF86232 standard; DNA; 13 BP.

XX AC ABF86232;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 186229 for detecting SNP TSC0045874.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX PS Claim 1; SEQ ID NO 186229; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX

SQ Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCCC 934

DB 11 TTTTATCCC 3
|||||

RESULT 3198

ABF63757
ID ABF63757 standard; DNA; 13 BP.

XX AC ABF63757;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 163754 for detecting SNP TSC0041141.

XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX PS Claim 1; SEQ ID NO 163754; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX

SQ Sequence 13 BP; 3 A; 1 C; 0 G; 9 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
|||||

DB 2 ATTTCCTTT 10

RESULT 3199

ABF65844
ID ABF65844 standard; DNA; 13 BP.

XX AC ABF65844;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 165841 for detecting SNP TSC0041589.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX XX (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 165841; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABH0010-ABH82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 0 C; 6 G; 5 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 944 TTGGTTTAA 952
 Db 4 TTGGTTTAA 12
 RESULT 3200
 ABF90916/c
 ID ABF90916 standard; DNA; 13 BP.
 XX AC ABF90916;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 190913 for detecting SNP TSC0046961.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PS Claim 1; SEQ ID NO 241539; 29pp + Sequence Listing; German.

PR 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 190913; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABH0010-ABH82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 0 C; 5 G; 3 T; 0 U; 0 Other;
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 928 TTATCCCTC 936
 Db 13 TTATCCCTC 5
 RESULT 3201
 ABH41562
 ID ABH41562 standard; DNA; 13 BP.
 XX AC ABH41562;
 XX 22-FEB-2002 (first entry)
 XX Oligonucleotide SEQ ID NO 241539 for detecting SNP TSC0001480.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 XX 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 241539; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
 Db 2 TTAATGTAT 10
 |||||

RESULT 3202
 ABH42699
 ID ABH42699 standard; DNA; 13 BP.
 XX
 AC ABH42699;
 XX
 DT 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 242676 for detecting SNP TSC0059214.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 FN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 Claim 1; SEQ ID NO 242676; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTTCT 913
 Db 4 TCATTTTCT 12
 |||||

RESULT 3203
 ABH43248
 ID ABH43248 standard; DNA; 13 BP.
 XX
 AC ABH43248;
 XX
 DT 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 243225 for detecting SNP TSC0059329.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 FN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 Claim 1; SEQ ID NO 243225; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 0 C; 1 G; 5 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
 Db 4 TTTAATGTA 12
 |||||

RESULT 3204

XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 249496; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 905 TCATTTTCT 913
 DB 5 TCATTTTCT 13
 RESULT 3207
 ABH49632/c
 ID ABH49632 standard; DNA; 13 BP.
 AC ABH49632;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 249609 for detecting SNP TSC0060979.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 PD 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 WPI; 2001-657177/75.
 Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 249609; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a

CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 0 C; 4 G; 2 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 926 TTTTATCCC 934
 DB 9 TTTTATCCC 1
 RESULT 3208
 ABH55807/c
 ID ABH55807 standard; DNA; 13 BP.
 AC ABH55807;
 XX 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 255784 for detecting SNP TSC0062332.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 XX WO200177384-A2.
 PD 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 WPI; 2001-657177/75.
 Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 255784; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;


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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 949 TTAATGTAT 957
DB 11 TTAATGTAT 3
|||||
RESULT 3209
ABH64271
ID ABH64271 standard; DNA; 13 BP.
XX AC ABH64271;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 264248 for detecting SNP TSC0064035.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 264248; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 2 A; 1 C; 0 G; 10 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 907 ATTTCTTT 915
DB 2 ATTTCTTT 10
|||||
RESULT 3210
ABC45130
ID ABC45130 standard; DNA; 13 BP.
XX AC ABC45130;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 73010 for detecting SNP TSC0018833.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
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DT 21-FEB-2002 (first entry)
XX Oligonucleotide SEQ ID NO 45147 for detecting SNP TSC0013176.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 45147; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
DB 1 TTTAATGTA 9
|||||
RESULT 3211
ABC72993/C
ID ABC72993 standard; DNA; 13 BP.
XX AC ABC72993;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 73010 for detecting SNP TSC0018833.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
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XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 73010; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 944 TTGGTTTAA 952
DB 9 TTGGTTTAA 1
|||||||

RESULT 3212
ABC74362
ID ABC74362 standard; DNA; 13 BP.
AC ABC74362;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 74379 for detecting SNP TSC0019118.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR WO200177384-A2.
XX PT 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 74379; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 944 TTGGTTTAA 952
DB 4 TTGGTTTAA 12
|||||||

RESULT 3213
ABC24389/C
ID ABC24389 standard; DNA; 13 BP.
XX AC ABC24389;
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 24406 for detecting SNP TSC0005820.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX PI WPI; 2001-657177/75.
XX DR Set of oligonucleotides, useful for diagnosis and cell typing, is
XX DR designed to detect single-nucleotide polymorphisms and cytosine
XX DR methylation status.
XX PS Claim 1; SEQ ID NO 24406; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences

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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 944 TTGGTTTAA 952

Db 9 TTGGTTTAA 1

RESULT 3214

ABCS2698

ID ABCS2698 standard; DNA; 13 BP.

XX AC

XX AC

XX AC

DT 21-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 52715 for detecting SNP TSC0014600.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

XX Claim 1; SEQ ID NO 52715; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 947 GTTTAATGT 955

Db 1 GTTTAATGT 9

RESULT 3215

ABCO4719

ID ABCO4719 standard; DNA; 13 BP.

XX AC

XX AC

DT 20-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 4710 for detecting SNP TSC0001694.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

XX (EPIG-) EPIGENOMICS AG.

XX Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.

XX Claim 1; SEQ ID NO 4710; 29pp + Sequence Listing; German.

XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 1 A; 5 C; 0 G; 6 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 937 CTCCTTCATT 945

Db 2 CTCCTTCATT 10

RESULT 3216

ABC30020

ID ABC30020 standard; DNA; 13 BP.

XX AC

XX AC

DT 20-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 30037 for detecting SNP TSC0009041.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 OS Homo sapiens.
 XX WO200177384-A2.
 PN 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 30037; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 2 A; 1 C; 2 G; 7 T; 0 U; 1 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 921 TTGCGTTTAT 931
 DB |||||
 3 TTGCGTTTAY 13
 RESULT 3217
 ABC30079/c
 ID ABC30079 standard; DNA; 13 BP.
 XX AC ABC30079;
 XX 20-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 30096 for detecting SNP TSC0009087.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 107562; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic

PA (EPIG-) EPIGENOMICS AG.
 XX Olek A, Piepenbrock C, Berlin K;
 XX WPI; 2001-657177/75.
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 30096; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 943 ATTGCTTTA 951
 DB |||||
 13 ATTGCTTTA 5
 RESULT 3218
 ABF07565
 ID ABF07565 standard; DNA; 13 BP.
 XX AC ABF07565;
 XX 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 107562 for detecting SNP TSC0026929.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS WO200177384-A2.
 PN 18-OCT-2001.
 XX 06-APR-2001; 2001WO-IB000713.
 XX 07-APR-2000; 2000DE-01019173.
 XX (EPIG-) EPIGENOMICS AG.
 PA Olek A, Piepenbrock C, Berlin K;
 PI WPI; 2001-657177/75.
 DR Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX Claim 1; SEQ ID NO 107562; 29pp + Sequence Listing; German.
 CC This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 7 C; 1 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 930 ATCCCTCT 938
 Db 1 ATCCCTCT 9

RESULT 3219
 ABC10609/C
 ID ABC10609 standard; DNA; 13 BP.
 AC ABC10609;
 XX
 DT 20-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 10600 for detecting SNP TSC0002667.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 10600; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
 Db 9 ATTGGTTTA 1

RESULT 3220
 ABC11795/C
 ID ABC11795 standard; DNA; 13 BP.
 XX
 AC ABC11795;
 XX
 DT 20-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 11802 for detecting SNP TSC0002846.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIG-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 11802; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958
 Db 11 TTGAATGTATY 1

RESULT 3221
 ABF12493
 ID ABF12493 standard; DNA; 13 BP.

```

XX AC ABE12493;
XX DT 21-FEB-2002 (first entry)
XX XX
DE Oligonucleotide SEQ ID NO 112490 for detecting SNP TSC0028130.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 112490; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 2 A; 5 C; 2 G; 4 T; 0 U; 0 Other;
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred.No.1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 957 TCGCTACCA 965
Db 5 TCGCTACCA 13
XX
RESULT 3222
XX ABC15318
XX ID ABC15318 standard; DNA; 13 BP.
XX
XX AC ABC15318;
XX
XX DT 20-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 15325 for detecting SNP TSC0003405.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX

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PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 15325; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred.No.1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 948 TTTAATGTA 956
Db 1 TTTAATGTA 9
XX
RESULT 3223
XX ABF14654
XX ID ABF14654 standard; DNA; 13 BP.
XX
XX AC ABF14654;
XX
XX DT 21-FEB-2002 (first entry)
XX
XX DE Oligonucleotide SEQ ID NO 114651 for detecting SNP TSC0028702.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX OS Homo sapiens.
XX
XX PN WO200177384-A2.
XX
XX PD 18-OCT-2001.
XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX
XX PR 07-APR-2000; 2000DE-01019173.
XX
XX PA (EPIG-) EPIGENOMICS AG.
XX
XX PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX

```

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
PS Claim 1; SEQ ID NO 114651; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 3 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 944 TTGGTTTAA 952
Db 4 TTGGTTTAA 12

RESULT 3224
ABF27637/C
ID ABF27637 standard; DNA; 13 BP.
XX
AC ABF27637;
XX
XX 21-FEB-2002 (first entry)
DT
XX
DE Oligonucleotide SEQ ID NO 127634 for detecting SNP TSC0031952.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 127634; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 945 TCGTTTAAAT 953
Db 11 TCGTTTAAAT 3

RESULT 3225
ABF37416/C
ID ABF37416 standard; DNA; 13 BP.
XX
AC ABF37416;
XX
XX 21-FEB-2002 (first entry)
DT
XX
DE Oligonucleotide SEQ ID NO 137413 for detecting SNP TSC0034333.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
DR
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 137413; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 0 C; 5 G; 1 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 924 CCTTTATC 932
 DB 12 CCTTTATC 4
 RESULT 3226
 ABF40355
 ID ABF40355 standard; DNA; 13 BP.
 XX
 AC ABF40355;
 XX
 DT 21-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 140352 for detecting SNP TSC0035179.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIC-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 140352; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 4 C; 1 G; 5 T; 0 U; 1 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
 QY 956 ATCGCTACCA 966
 DB 1 RTCGCTTCAA 11
 RESULT 3227
 ABF40971
 ID ABF40971 standard; DNA; 13 BP.
 XX
 AC ABF40971;
 XX
 DT 21-FEB-2002 (first entry)
 XX

DE Oligonucleotide SEQ ID NO 140968 for detecting SNP TSC0035329.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.
 XX
 PR 07-APR-2000; 2000DE-01019173.
 XX
 PA (EPIC-) EPIGENOMICS AG.
 XX
 PI Olek A, Piepenbrock C, Berlin K;
 XX
 DR WPI; 2001-657177/75.
 XX
 PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 PS Claim 1; SEQ ID NO 140968; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 SQ Sequence 13 BP; 2 A; 1 C; 0 G; 10 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 907 ATTTCTTT 915
 DB 2 ATTTCTTT 10
 RESULT 3228
 ABF69192/c
 ID ABF69192 standard; DNA; 13 BP.
 XX
 AC ABF69192;
 XX
 DT 22-FEB-2002 (first entry)
 XX
 DE Oligonucleotide SEQ ID NO 169189 for detecting SNP TSC0042274.
 XX
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 XX
 PD 18-OCT-2001.
 XX
 PF 06-APR-2001; 2001WO-IB000713.


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CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTCCTTCATT 945
DB 12 CTCCTTCATT 4
|||||

RESULT 3231
ABH29132
ID ABH29132 standard; DNA; 13 BP.
XX
AC ABH29132;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 229109 for detecting SNP TSC0055895.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 229109; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC000-0
-ABC99989, ABF0010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
DB 2 TTTAATGTA 10
|||||

CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 GTTAAATGTA 957
DB 3 GTTAAATGTA 13
|||||

RESULT 3232
ABH31032
ID ABH31032 standard; DNA; 13 BP.
XX
AC ABH31032;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 231009 for detecting SNP TSC0007714.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 231009; 29pp + Sequence Listing; German.
XX
This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligonucleotides are also used for detecting cell type differentiation. ABC000-0
-ABC99989, ABF0010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 0 C; 4 G; 4 T; 0 U; 1 Other;

Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 947 GTTAAATGTA 957
DB 3 GTTAAATGTA 13
|||||

RESULT 3233
ABH06810
ID ABH06810 standard; DNA; 13 BP.
XX
AC ABH06810;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 206787 for detecting SNP TSC0050594.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

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XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 182800; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the invention. NOTE: The sequence
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 1 G; 7 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX DB 2 TTAATGTAT 10
XX
XX RESULT 3234
XX ABF82803/c
XX ID ABF82803 standard; DNA; 13 BP.
XX AC ABF82803;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 182800 for detecting SNP TSC0008038.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 206787; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the invention. NOTE: The sequence
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 4 A; 0 C; 1 G; 7 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX DB 2 TTAATGTAT 10
XX
XX RESULT 3235
XX ABF87317/c
XX ID ABF87317 standard; DNA; 13 BP.
XX AC ABF87317;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187314 for detecting SNP TSC0046171.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187314; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the invention. NOTE: The sequence
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 949 TTAATGTAT 957
XX DB 12 TTAATGTAT 4
XX
XX RESULT 3235
XX ABF87317/c
XX ID ABF87317 standard; DNA; 13 BP.
XX AC ABF87317;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187314 for detecting SNP TSC0046171.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187314; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the invention. NOTE: The sequence
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
```

CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
 DB 13 TTAATGTAT 5
 |||||

RESULT 3236
 ABH13338
 ID ABH13338 standard; DNA; 13 BP.
 AC ABH13338;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 213315 for detecting SNP TSC0051934.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 213315; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

XX Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 947 GTTAAATGT 955
 DB 1 GTTAAATGT 9
 |||||

RESULT 3237
 ABH13704/c
 ID ABH13704 standard; DNA; 13 BP.
 AC ABH13704;
 XX
 DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 213681 for detecting SNP TSC0052028.
 KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 OS Homo sapiens.
 XX
 PN WO200177384-A2.
 PD 18-OCT-2001.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX Claim 1; SEQ ID NO 213681; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX

XX Sequence 13 BP; 6 A; 0 C; 5 G; 2 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTC 942
 DB 12 CTCCTCTTC 4
 |||||

RESULT 3238
 ABF88642/c
 ID ABF88642 standard; DNA; 13 BP.
 XX
 AC ABF88642;

XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 188639 for detecting SNP TSC0046446.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 188639; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 905 TCATTTCT 913
Db |||||
9 TCATTTCT 1
XX
RESULT 3239
ABH15417
ID ABH15417 standard; DNA; 13 BP.
XX
AC ABH15417;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 215394 for detecting SNP TSC0005293.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 215394; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 905 TCATTTCT 913
Db |||||
9 TCATTTCT 1
XX
RESULT 3240
ABH40454
ID ABH40454 standard; DNA; 13 BP.
XX
AC ABH40454;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 240431 for detecting SNP TSC0058647.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 215394; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 2 A; 4 C; 0 G; 7 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Qy 937 CTCCTTCATT 945
Db |||||
2 CTCCTTCATT 10
XX
RESULT 3240
ABH40454
ID ABH40454 standard; DNA; 13 BP.
XX
AC ABH40454;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 240431 for detecting SNP TSC0058647.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX
PS Claim 1; SEQ ID NO 240431; 29pp + Sequence Listing; German.

XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 3 TTAATGTAT 11
|||||

RESULT 3241

ABH40455/c
ID ABH40455 standard; DNA; 13 BP.

XX AC ABH40455;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 240432 for detecting SNP TSC0058647.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX PS Claim 1; SEQ ID NO 240432; 29pp + Sequence Listing; German.

XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 11 TTAATGTAT 3
|||||

RESULT 3242

ABF65845/c
ID ABF65845 standard; DNA; 13 BP.

XX AC ABF65845;

XX DT 22-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 165842 for detecting SNP TSC0041589.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.

XX OS Homo sapiens.

XX PN WO200177384-A2.

XX PD 18-OCT-2001.

XX PF 06-APR-2001; 2001WO-IB000713.

XX PR 07-APR-2000; 2000DE-01019173.

XX PA (EPIG-) EPIGENOMICS AG.

XX PI Olek A, Piepenbrock C, Berlin K;

XX DR WPI; 2001-657177/75.

XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.

XX PS Claim 1; SEQ ID NO 165842; 29pp + Sequence Listing; German.

XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 5 A; 6 C; 0 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 944 TTGGTTAA 952
|||||

Db 10 TTGTTTAA 2

RESULT 3243
ID ABH61417/c
XX ABH61417 standard; DNA; 13 BP.
XX AC ABH61417;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 261394 for detecting SNP TSC0063448.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX DT 18-OCT-2001.
XX DE 06-APR-2001; 2001WO-IB000713.
XX DE 07-APR-2000; 2000DE-01019173.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX DT 18-OCT-2001.
XX DE 06-APR-2001; 2001WO-IB000713.
XX DE 07-APR-2000; 2000DE-01019173.
XX (EPIC-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 261394; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 947 GTTTAATGT 955
XX 10 GTTTAATGT 2
XX
RESULT 3244
ID ABC93064
XX ABC93064 standard; DNA; 13 BP.
XX AC ABC93064;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 93081 for detecting SNP TSC0023271.

KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.
XX (EPIC-) EPIGENOMICS AG.
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX Claim 1; SEQ ID NO 93081; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 943 ATTGGTTTA 951
XX 4 ATTGGTTTA 12
XX
RESULT 3245
ID ABF02988
XX ABF02988 standard; DNA; 13 BP.
XX AC ABF02988;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 102985 for detecting SNP TSC0025739.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX WO200177384-A2.
XX 18-OCT-2001.
XX 06-APR-2001; 2001WO-IB000713.
XX 07-APR-2000; 2000DE-01019173.

100

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XX PN WO200177384-A2.
 XX XX 18-OCT-2001.
 PD PD
 PF PF 06-APR-2001; 2001WO-IB000713.
 XX XX 07-APR-2000; 2000DE-01019173.
 PR XX (EPiG-) EPIGENOMICS AG.
 XX PA Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 DR XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX XX Claim 1; SEQ ID NO 58979; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX XX
 PS SQ Sequence 13 BP; 7 A; 0 C; 4 G; 1 T; 0 U; 1 Other;
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX XX
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX QY 907 ATTTCCTTT 915
 Db 12 ATTTCCTTT 4
 XX
 RESULT 3251
 ABF09983/c
 ID ABF09983 standard; DNA; 13 BP.
 XX AC ABF09983;
 XX XX 21-FEB-2002 (first entry)
 DT XX
 DE Oligonucleotide SEQ ID NO 109980 for detecting SNP TSC0027481.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX WO200177384-A2.
 PN PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPiG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 DR XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX XX Claim 1; SEQ ID NO 58979; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX XX
 SQ Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX QY 948 TTTAATGTA 956
 Db 10 TTTAATGTA 2
 XX
 RESULT 3252
 ABC64898
 ID ABC64898 standard; DNA; 13 BP.
 XX AC ABC64898;
 XX XX 21-FEB-2002 (first entry)
 DT XX
 DE Oligonucleotide SEQ ID NO 64915 for detecting SNP TSC0017101.
 XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX WO200177384-A2.
 PN PD 18-OCT-2001.
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX PR 07-APR-2000; 2000DE-01019173.
 XX PA (EPiG-) EPIGENOMICS AG.
 XX PI Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 DR XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX XX Claim 1; SEQ ID NO 64915; 29pp + Sequence Listing; German.
 XX CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX XX

CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences

XX
XX SQ Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 943 ATTGGTTTAAAT 953
Db 3 ATTGGTTTAAAY 13

RESULT 3253
ABC64899/C
ID ABC64899 standard; DNA; 13 BP.
XX AC ABC64899;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 64916 for detecting SNP TSC0017101.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PS Claim 1; SEQ ID NO 64916; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 943 ATTGGTTTAAAT 953
Db 11 ATTGGTTTAAAY 1

RESULT 3254
ABF15969/C
ID ABF15969 standard; DNA; 13 BP.
XX AC ABF15969;
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 115966 for detecting SNP TSC0029061.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX PS Claim 1; SEQ ID NO 115966; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 9 A; 2 C; 0 G; 1 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 909 TTTCTTTTGTC 919
Db 11 TTTTITTTGGTY 1

RESULT 3255
ABF20971
ID ABF20971 standard; DNA; 13 BP.
XX AC ABF20971;
XX DT 21-FEB-2002 (first entry)

XX DE Oligonucleotide SEQ ID NO 120968 for detecting SNP TSC0030182.
 XX XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX XX
 XX 07-APR-2000; 2000DE-01019173.
 XX XX
 XX (EPIG-) EPIGENOMICS AG.
 XX PA Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 XX DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 120968; 29pp + Sequence Listing; German.
 XX XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX 907 ATTTTCITT 915
 XX 2 ATTTTCITT 10
 XX
 XX RESULT 3256
 XX ABF30875
 XX ID ABF30875 standard; DNA; 13 BP.
 XX XX
 XX AC ABF30875;
 XX XX
 XX 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 130872 for detecting SNP TSC0032666.
 XX DE
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX XX

PF 06-APR-2001; 2001WO-IB000713.
 XX XX
 XX 07-APR-2000; 2000DE-01019173.
 XX XX
 XX (EPIG-) EPIGENOMICS AG.
 XX PA Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 XX DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX PS Claim 1; SEQ ID NO 130872; 29pp + Sequence Listing; German.
 XX XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 13 BP; 4 A; 7 C; 1 G; 1 T; 0 U; 0 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX 960 CTACCAACG 968
 XX 2 CTACCAACG 10
 XX
 XX RESULT 3257
 XX ABF35935
 XX ID ABF35935 standard; DNA; 13 BP.
 XX XX
 XX AC ABF35935;
 XX XX
 XX 21-FEB-2002 (first entry)
 XX DE Oligonucleotide SEQ ID NO 135932 for detecting SNP TSC0033944.
 XX DE
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX OS Homo sapiens.
 XX XX
 XX WO200177384-A2.
 XX PD 18-OCT-2001.
 XX XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX XX
 XX 07-APR-2000; 2000DE-01019173.
 XX XX
 XX (EPIG-) EPIGENOMICS AG.
 XX PA Olek A, Piepenbrock C, Berlin K;
 XX PI WPI; 2001-657177/75.
 XX DR
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.

XX PS Claim 1; SEQ ID NO 135932; 29pp + Sequence Listing; German.
XX CC
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 6 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 934 CTCCTCTTC 942
Db 2 CTCCTCTTC 10
RESULT 3258
ABF94715/c
ID ABF94715 standard; DNA; 13 BP.
XX AC ABF94715;
XX CC
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 194712 for detecting SNP TSC0047890.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 194712; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 6 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 934 CTCCTCTTC 942
Db 2 CTCCTCTTC 10
RESULT 3259
ABF70799/c
ID ABF70799 standard; DNA; 13 BP.
XX AC ABF70799;
XX CC
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 170796 for detecting SNP TSC0042607.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 170796; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 12 TTTAATGTA 4

CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 5 A; 3 C; 0 G; 4 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy 943 ATTGGTTTAAT 953
Db 11 AGTGGTTTAAY 1
RESULT 3259
ABF70799/c
ID ABF70799 standard; DNA; 13 BP.
XX AC ABF70799;
XX CC
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 170796 for detecting SNP TSC0042607.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 170796; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 12 TTTAATGTA 4

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RESULT 3260
ABF50896/c
ID ABF50896 standard; DNA; 13 BP.
XX
XX
AC ABF50896;
XX
XX
DT 21-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 150893 for detecting SNP TSC0038091.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX
OS Homo sapiens.
XX
XX
FN WO200177384-A2.
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XX
PD 18-OCT-2001.
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XX
PF 06-APR-2001; 2001WO-IB000713.
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PR 07-APR-2000; 2000DE-01019173.
XX
XX
PA (EPiG-) EPIGENOMICS AG.
XX
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
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DR WPI; 2001-657177/75.
XX
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX
PS Claim 1; SEQ ID NO 150893; 29pp + Sequence Listing; German.
XX
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX
SQ Sequence 13 BP; 3 A; 1 C; 5 G; 4 T; 0 U; 0 Other;
XX
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX
QY 960 CTACCAACG 968
DB 11 CTACCAACG 3
XX
XX
RESULT 3261
ABF54384
ID ABF54384 standard; DNA; 13 BP.
XX
XX
AC ABF54384;
XX
XX
DT 21-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 154381 for detecting SNP TSC0039008.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

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KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX
OS Homo sapiens.
XX
XX
PN WO200177384-A2.
XX
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
PR 07-APR-2000; 2000DE-01019173.
XX
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PA (EPiG-) EPIGENOMICS AG.
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XX
PI Olek A, Piepenbrock C, Berlin K;
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XX
DR WPI; 2001-657177/75.
XX
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX
PS Claim 1; SEQ ID NO 154381; 29pp + Sequence Listing; German.
XX
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX
SQ Sequence 13 BP; 0 A; 1 C; 4 G; 7 T; 0 U; 1 Other;
XX
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
XX
QY 902 TGGTCATTTTC 912
DB 3 TGGTCGTTTTY 13
XX
XX
RESULT 3262
ABF79808/c
ID ABF79808 standard; DNA; 13 BP.
XX
XX
AC ABF79808;
XX
XX
DT 22-FEB-2002 (first entry)
XX
XX
DE Oligonucleotide SEQ ID NO 179805 for detecting SNP TSC0044526.
XX
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX
OS Homo sapiens.
XX
XX
PN WO200177384-A2.
XX
XX
PD 18-OCT-2001.
XX
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
XX
PR 07-APR-2000; 2000DE-01019173.
XX
XX
PA (EPiG-) EPIGENOMICS AG.

```

XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
DR Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 179805; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTCCTT 914
DB 13 CATTTCCTT 5
RESULT 3263
ABF55775
ID ABF55775 standard; DNA; 13 BP.
XX
AC ABF55775;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 155772 for detecting SNP TSC0039332.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
ER 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
PA Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
DR Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 155772; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 937 CTCCTTCATT 945
DB 1 CTCCTTCATT 9
RESULT 3264
ABH33663
ID ABH33663 standard; DNA; 13 BP.
XX
AC ABH33663;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 233640 for detecting SNP TSC0057028.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
FN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
ER 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
PI WPI; 2001-657177/75.
XX
DR Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX Claim 1; SEQ ID NO 233640; 29pp + Sequence Listing; German.
PS
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 6 C; 0 G; 4 T; 0 U; 0 Other;

XX 18-OCT-2001.
 XX
 XX 06-APR-2001; 2001WO-IB000713.
 XX
 XX 07-APR-2000; 2000DE-01019173.
 XX
 XX (EPIG-) EPIGENOMICS AG.
 XX
 XX Olek A, Piepenbrock C, Berlin K;
 XX
 XX WPI; 2001-657177/75.
 XX
 XX Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX
 XX Claim 1; SEQ ID NO 187722; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX Qy 949 TTAATGTAT 957
 XX
 XX Db 10 TTAATGTAT 2
 XX
 XX RESULT 3268
 XX ABH44334/C
 XX ID ABH44334 standard; DNA; 13 BP.
 XX
 XX AC ABH44334;
 XX
 XX DT 22-FEB-2002 (first entry)
 XX
 XX Oligonucleotide SEQ ID NO 244311 for detecting SNP TSC0059627.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
 XX
 XX (EPIG-) EPIGENOMICS AG.
 XX
 XX Olek A, Piepenbrock C, Berlin K;
 XX
 XX WPI; 2001-657177/75.
 XX

PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 PT designed to detect single-nucleotide polymorphisms and cytosine
 PT methylation status.
 XX
 XX Claim 1; SEQ ID NO 244311; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences
 XX
 XX SQ Sequence 13 BP; 8 A; 0 C; 2 G; 2 T; 0 U; 1 Other;
 XX
 XX Query Match 12.3%; Score 9; DB 1; Length 13;
 XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 XX
 XX Qy 907 ATTTCCTTT 915
 XX
 XX Db 12 ATTTCCTTT 4
 XX
 XX RESULT 3269
 XX ABH53731
 XX ID ABH53731 standard; DNA; 13 BP.
 XX
 XX AC ABH53731;
 XX
 XX DT 22-FEB-2002 (first entry)
 XX
 XX Oligonucleotide SEQ ID NO 253708 for detecting SNP TSC0010907.
 XX
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX
 XX OS Homo sapiens.
 XX
 XX PN WO200177384-A2.
 XX
 XX PD 18-OCT-2001.
 XX
 XX PF 06-APR-2001; 2001WO-IB000713.
 XX
 XX PR 07-APR-2000; 2000DE-01019173.
 XX
 XX (EPIG-) EPIGENOMICS AG.
 XX
 XX Olek A, Piepenbrock C, Berlin K;
 XX
 XX WPI; 2001-657177/75.
 XX
 XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
 XX designed to detect single-nucleotide polymorphisms and cytosine
 XX methylation status.
 XX
 XX Claim 1; SEQ ID NO 253708; 29pp + Sequence Listing; German.
 XX
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 XX and cytosine methylation status in chemically pretreated genomic DNA. The
 XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 XX range of diseases including immune system, gastrointestinal, respiratory,
 XX central nervous system, cardiovascular and metabolic disorders. The
 XX oligomers are also used for detecting cell type differentiation. ABC00010
 XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 XX represent the oligomers described in the invention. NOTE: The sequence
 XX data for this patent did not form part of the printed specification, but
 XX was obtained in electronic format from WIPO at
 XX ftp.wipo.int/pub/published_pct_sequences
 XX

CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 1 A; 1 C; 0 G; 11 T; 0 U; 0 Other;
 Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTTCTTT 915
 |||||
 DB 2 ATTTTCTTT 10

RESULT 3270

ABH61885
 ID ABH61885 standard; DNA; 13 BP.

AC ABH61885;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 261862 for detecting SNP TSC0063535.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.

PN WO200177384-A2.

PD 18-OCT-2001.

PF 06-APR-2001; 2001WO-IB000713.

PR 07-APR-2000; 2000DE-01019173.

PA (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is
 designed to detect single-nucleotide polymorphisms and cytosine
 methylation status.

Claim 1; SEQ ID NO 261862; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
 acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 and cytosine methylation status in chemically pretreated genomic DNA. The
 oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 range of diseases including immune system, gastrointestinal, respiratory,
 central nervous system, cardiovascular and metabolic disorders. The
 oligomers are also used for detecting cell type differentiation. ABC00010
 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 represent the oligomers described in the invention. NOTE: The sequence
 data for this patent did not form part of the printed specification, but
 was obtained in electronic format from WIPO at
 ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 4 A; 4 C; 0 G; 5 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 926 TTTTATCC 934

DB 2 TTTTATCC 10
 |||||

RESULT 3271

ABH62902/c
 ID ABH62902 standard; DNA; 13 BP.

XX ABH62902;

DT 22-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 262879 for detecting SNP TSC0063772.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 central nervous system; gastrointestinal; respiratory; immune; metabolic.

OS Homo sapiens.

XX WO200177384-A2.

XX 18-OCT-2001.

XX 06-APR-2001; 2001WO-IB000713.

XX 07-APR-2000; 2000DE-01019173.

PA (EPIG-) EPIGENOMICS AG.

PI Olek A, Piepenbrock C, Berlin K;

XX WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is
 designed to detect single-nucleotide polymorphisms and cytosine
 methylation status.

Claim 1; SEQ ID NO 262879; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
 acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 and cytosine methylation status in chemically pretreated genomic DNA. The
 oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 range of diseases including immune system, gastrointestinal, respiratory,
 central nervous system, cardiovascular and metabolic disorders. The
 oligomers are also used for detecting cell type differentiation. ABC00010
 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 represent the oligomers described in the invention. NOTE: The sequence
 data for this patent did not form part of the printed specification, but
 was obtained in electronic format from WIPO at
 ftp.wipo.int/pub/published_pct_sequences

SQ Sequence 13 BP; 8 A; 0 C; 3 G; 2 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTTCT 913
 |||||

DB 10 TCATTTTCT 2

RESULT 3272

ABC42333/c
 ID ABC42333 standard; DNA; 13 BP.

XX ABC42333;

DT 21-FEB-2002 (first entry)

DE Oligonucleotide SEQ ID NO 42350 for detecting SNP TSC0012636.

XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 42350; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Oy 949 TTAATGTAT 957
Db 10 TTAATGTAT 2
|||||
RESULT 3273
ABC42605/c
ID ABC42605 standard; DNA; 13 BP.
XX
XX ABC42605;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 42622 for detecting SNP TSC0012696.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX

PR 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 42622; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 5 A; 4 C; 0 G; 3 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
Oy 947 GTTAAATGT 955
Db 11 GTTAAATGT 3
|||||
RESULT 3274
ABC67775/c
ID ABC67775 standard; DNA; 13 BP.
XX
XX ABC67775;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 67792 for detecting SNP TSC0017701.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 67792; 29pp + Sequence Listing; German.
XX

XX CC This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 7 A; 3 C; 1 G; 1 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTAT 931
Db 11 TTGCCTTTAT 1

RESULT 3275
ABC68721
ID ABC68721 standard; DNA; 13 BP.
AC ABC68721;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 68738 for detecting SNP TSC0017910.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
PN WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
XX Claim 1; SEQ ID NO 68738; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTT 915
Db 5 ATTTCCTTT 13

RESULT 3276
ABC00206
ID ABC00206 standard; DNA; 13 BP.
XX
XX ABC00206;
XX
XX 20-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 197 for detecting SNP TSC0000037.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
OS
PN WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
XX
XX Claim 1; SEQ ID NO 197; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX SQ Sequence 13 BP; 4 A; 0 C; 1 G; 8 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 3 TTTAATGTA 11

RESULT 3277

```
ABC82247/c
ID ABC82247 standard; DNA; 13 BP.
XX
AC ABC82247;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 82264 for detecting SNP TSC0020780.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 82264; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABH00010-ABH82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 949 TTAATGTAT 957
Db 11 TTAATGTAT 3
XX
RESULT 3278
ABC58867
ID ABC58867 standard; DNA; 13 BP.
XX
AC ABC58867;
XX
DT 21-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 58894 for detecting SNP TSC0015775.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 82264; 29pp + Sequence Listing; German.
XX
CC This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABF9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABH00010-ABH82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
XX
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 949 TTAATGTAT 957
Db 11 TTAATGTAT 3
XX
RESULT 3278
ABC58867
ID ABC58867 standard; DNA; 13 BP.
XX
AC ABC58867;
XX
DT 20-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 35073 for detecting SNP TSC0011132.
XX
KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
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XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 35073; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 1 C; 4 G; 6 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 921 TTGCCTTTTAT 931
DB 3 TTGCCTTTTAY 13
|||||
XX
RESULT 3280
ABC63698
ID ABC63698 standard; DNA; 13 BP.
XX AC ABC63698;
XX XX
XX DT 21-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 63715 for detecting SNP TSC0016826.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 63715; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 1 A; 1 C; 4 G; 6 T; 0 U; 1 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 81.8%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
XX
QY 921 TTGCCTTTTAT 931
DB 3 TTGCCTTTTAY 13
|||||
XX
RESULT 3281
ABC15319/C
ID ABC15319 standard; DNA; 13 BP.
XX AC ABC15319;
XX XX
XX DT 20-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 15326 for detecting SNP TSC0003405.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX XX
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 15326; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABG99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;

```

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
 Db 13 TTTAATGTA 5

RESULT 3282
 ABF15157/c
 ID ABF15157 standard; DNA; 13 BP.
 XX AC ABF15157;
 XX XX

DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 115154 for detecting SNP TSC0028850.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 PN
 XX 18-OCT-2001.
 PD
 XX

DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 142525 for detecting SNP TSC0035729.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 PN
 XX 18-OCT-2001.
 PD
 XX

DT 06-APR-2001; 2001WO-IB000713.
 DE Oligonucleotide SEQ ID NO 142525; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Claim 1; SEQ ID NO 142525; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;
 XX
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 81.8%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCCTTGGT 918
 Db 11 TTTTCCTTGGY 1

RESULT 3283
 ABF42528
 ID ABF42528 standard; DNA; 13 BP.
 XX AC ABF42528;
 XX XX

DT 21-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 142525 for detecting SNP TSC0035729.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 PN
 XX 18-OCT-2001.
 PD
 XX

DT 06-APR-2001; 2001WO-IB000713.
 DE Oligonucleotide SEQ ID NO 142525; 29pp + Sequence Listing; German.
 XX This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Claim 1; SEQ ID NO 142525; 29pp + Sequence Listing; German.
 XX
 CC This invention describes novel oligonucleotide primers or peptide nucleic
 CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
 CC and cytosine methylation status in chemically pretreated genomic DNA. The
 CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
 CC range of diseases including immune system, gastrointestinal, respiratory,
 CC central nervous system, cardiovascular and metabolic disorders. The
 CC oligomers are also used for detecting cell type differentiation. ABC00010
 CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
 CC represent the oligomers described in the invention. NOTE: The sequence
 CC data for this patent did not form part of the printed specification, but
 CC was obtained in electronic format from WIPO at
 CC ftp.wipo.int/pub/published_pct_sequences
 XX
 PS Sequence 13 BP; 3 A; 0 C; 5 G; 5 T; 0 U; 0 Other;
 XX
 CC Query Match 12.3%; Score 9; DB 1; Length 13;
 CC Best Local Similarity 100.0%; Pred. No. 1.5e+03;
 CC Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 943 ATTGGTTTA 951
 Db 4 ATTGGTTTA 12

RESULT 3284
 ABF67570
 ID ABF67570 standard; DNA; 13 BP.
 XX AC ABF67570;
 XX XX

DT 22-FEB-2002 (first entry)
 DE Oligonucleotide SEQ ID NO 167567 for detecting SNP TSC0041944.
 XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
 KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
 KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
 XX Homo sapiens.
 OS
 XX WO200177384-A2.
 PN
 XX 18-OCT-2001.
 PD

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XX PF 06-APR-2001; 2001WO-IB000713.
XX PS
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 167567; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 949 TTAATGTAT 957
XX DB 3 TTAATGTAT 11
XX RESULT 3285
XX ABF67622/C
XX ID ABF67622 standard; DNA; 13 BP.
XX AC ABF67622;
XX XX
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 167619 for detecting SNP TSC0041952.
XX XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX XX
XX OS Homo sapiens.
XX XX
XX PN W0200177384-A2.
XX XX
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 167619; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX XX
XX SQ Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX QY 927 TTTATCCCT 935
XX DB 11 TTTATCCCT 3
XX RESULT 3286
XX ABF70316/C
XX ID ABF70316 standard; DNA; 13 BP.
XX AC ABF70316;
XX XX
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 170313 for detecting SNP TSC0042509.
XX XX
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX XX
XX OS Homo sapiens.
XX XX
XX PN W0200177384-A2.
XX XX
XX PD 18-OCT-2001.
XX XX
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX XX
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 170313; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX CC represent the oligomers described in the invention. NOTE: The sequence

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CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 0 C; 6 G; 1 T; 0 U; 1 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 933 CCTCCTCTT 941
|||||||
DB 10 CCTCCTCTT 2
RESULT 3287
ABF50636
ID ABF50636 standard; DNA; 13 BP.
XX AC
XX ABF50636;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 150633 for detecting SNP TSC0038014.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 150633; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
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XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 948 TTTAATGTA 956
|||||||
DB 2 TTTAATGTA 10

RESULT 3288
ABH01313
ID ABH01313 standard; DNA; 13 BP.
XX
XX AC
XX ABH01313;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 201290 for detecting SNP TSC0049519.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
XX 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 201290; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
XX acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX and cytosine methylation status in chemically pretreated genomic DNA. The
XX oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX range of diseases including immune system, gastrointestinal, respiratory,
XX central nervous system, cardiovascular and metabolic disorders. The
XX oligomers are also used for detecting cell type differentiation. ABC00010
XX -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and AB100010-AB182073
XX represent the oligomers described in the invention. NOTE: The sequence
XX data for this patent did not form part of the printed specification, but
XX was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 937 CTCCTCAAT 945
|||||||
DB 2 CTCCTCAAT 10
RESULT 3289
ABF55719/c
ID ABF55719 standard; DNA; 13 BP.
XX
XX ABF55719;
XX
XX 21-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 155716 for detecting SNP TSC0039319.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX

PA (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 233639; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP). The
CC acid and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABG9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABT00010-ABT82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
XX ftp.wipo.int/pub/published_pct_sequences
XX
XX Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 930 ATCCCTCCT 938
DB 10 ATCCCTCCT 2

RESULT 3291
ABF60291/c
ID ABF60291 standard; DNA; 13 BP.
XX AC ABF60291;
XX
XX 22-FEB-2002 (first entry)
XX
XX Oligonucleotide SEQ ID NO 160288 for detecting SNP TSC0040361.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX Homo sapiens.
XX OS
XX WO200177384-A2.
XX PN
XX PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX PP
XX 07-APR-2000; 2000DE-01019173.
XX PR
XX (EPIG-) EPIGENOMICS AG.
XX PA
XX Olek A, Piepenbrock C, Berlin K;
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
XX Claim 1; SEQ ID NO 160288; 29pp + Sequence Listing; German.
XX
XX This invention describes novel oligonucleotide primers or peptide nucleic

CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABT00010-ABT82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 7 A; 1 C; 0 G; 4 T; 0 U; 1 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTATC 958
Db 11 TTTAATGTAT 1
|||||||

RESULT 3292
ABF85998
ID ABF85998 standard; DNA; 13 BP.
XX
AC ABF85998;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 185995 for detecting SNP TSC0045838.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 185995; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABT00010-ABT82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGTAT 957
Db 1 TTAATGTAT 9
|||||||

RESULT 3293
ABH11240/c
ID ABH11240 standard; DNA; 13 BP.
XX
AC ABH11240;
XX
XX 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 211217 for detecting SNP TSC0051533.
XX
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
XX Homo sapiens.
XX
XX WO200177384-A2.
XX
PD 18-OCT-2001.
XX
XX 06-APR-2001; 2001WO-IB000713.
XX
XX 07-APR-2000; 2000DE-01019173.
XX
XX (EPIG-) EPIGENOMICS AG.
XX
XX Olek A, Piepenbrock C, Berlin K;
XX
XX WPI; 2001-657177/75.
XX
XX Set of oligonucleotides, useful for diagnosis and cell typing, is
XX designed to detect single-nucleotide polymorphisms and cytosine
XX methylation status.
XX
XX Claim 1; SEQ ID NO 211217; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
and cytosine methylation status in chemically pretreated genomic DNA. The
oligonucleotides are used for diagnosis and/or prognosis of cancer and a
range of diseases including immune system, gastrointestinal, respiratory,
central nervous system, cardiovascular and metabolic disorders. The
oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABT00010-ABT82073
represent the oligomers described in the invention. NOTE: The sequence
data for this patent did not form part of the printed specification, but
was obtained in electronic format from WIPO at
ftp.wipo.int/pub/published_pct_sequences

Sequence 13 BP; 6 A; 0 C; 4 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCTT 914
Db 10 CATTTCTT 2
|||||||

RESULT 3294
ABF87391/c
ID ABF87391 standard; DNA; 13 BP.

```

XX AC ABF87391;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187388 for detecting SNP TSC0046193.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187388; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 13 BP; 7 A; 4 C; 0 G; 2 T; 0 U; 0 Other;
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTTAA 952
Db 9 TTGGTTTAA 1
RESULT 3295
ABF87394
ID ABF87394 standard; DNA; 13 BP.
XX AC ABF87394;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187391 for detecting SNP TSC0046193.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187388; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTTAA 952
Db 9 TTGGTTTAA 1
RESULT 3295
ABF87394
ID ABF87394 standard; DNA; 13 BP.
XX AC ABF87394;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 187391 for detecting SNP TSC0046193.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.
XX PT Set of oligonucleotides, useful for diagnosis and cell typing, is
XX PT designed to detect single-nucleotide polymorphisms and cytosine
XX PT methylation status.
XX PS Claim 1; SEQ ID NO 187391; 29pp + Sequence Listing; German.
XX CC This invention describes novel oligonucleotide primers or peptide nucleic
XX CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
XX CC and cytosine methylation status in chemically pretreated genomic DNA. The
XX CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
XX CC range of diseases including immune system, gastrointestinal, respiratory,
XX CC central nervous system, cardiovascular and metabolic disorders. The
XX CC oligomers are also used for detecting cell type differentiation. ABC00010
XX CC -ABF99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
XX CC represent the oligomers described in the invention. NOTE: The sequence
XX CC data for this patent did not form part of the printed specification, but
XX CC was obtained in electronic format from WIPO at
XX CC ftp.wipo.int/pub/published_pct_sequences
XX SQ Query Match 12.3%; Score 9; DB 1; Length 13;
XX Best Local Similarity 100.0%; Pred. No. 1.5e+03;
XX Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 944 TTGGTTTAA 952
Db 5 TTGGTTTAA 13
RESULT 3296
ABF90917
ID ABF90917 standard; DNA; 13 BP.
XX AC ABF90917;
XX DT 22-FEB-2002 (first entry)
XX DE Oligonucleotide SEQ ID NO 190914 for detecting SNP TSC0046961.
XX KW SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
XX KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
XX KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX OS Homo sapiens.
XX PN WO200177384-A2.
XX PD 18-OCT-2001.
XX PF 06-APR-2001; 2001WO-IB000713.
XX PR 07-APR-2000; 2000DE-01019173.
XX PA (EPIG-) EPIGENOMICS AG.
XX PI Olek A, Piepenbrock C, Berlin K;
XX DR WPI; 2001-657177/75.

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XX Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
PS Claim 1; SEQ ID NO 190914; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The
CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 3 A; 5 C; 0 G; 5 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 928 TTATCCCTC 936
Db 1 TTATCCCTC 9
RESULT 3297
ABH43249/C
ID ABH43249 standard; DNA; 13 BP.
XX
AC ABH43249;
XX
DT 22-FEB-2002 (first entry)
XX
DE Oligonucleotide SEQ ID NO 243226 for detecting SNP TSC0059329.
XX SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
KW peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
KW central nervous system; gastrointestinal; respiratory; immune; metabolic.
XX
OS Homo sapiens.
XX
PN WO200177384-A2.
XX
PD 18-OCT-2001.
XX
PF 06-APR-2001; 2001WO-IB000713.
XX
PR 07-APR-2000; 2000DE-01019173.
XX
PA (EPIG-) EPIGENOMICS AG.
XX
PI Olek A, Piepenbrock C, Berlin K;
XX
DR WPI; 2001-657177/75.
XX
PT Set of oligonucleotides, useful for diagnosis and cell typing, is
PT designed to detect single-nucleotide polymorphisms and cytosine
PT methylation status.
XX
PS Claim 1; SEQ ID NO 243226; 29pp + Sequence Listing; German.
XX This invention describes novel oligonucleotide primers or peptide nucleic
CC acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
CC and cytosine methylation status in chemically pretreated genomic DNA. The
CC oligonucleotides are used for diagnosis and/or prognosis of cancer and a
CC range of diseases including immune system, gastrointestinal, respiratory,
CC central nervous system, cardiovascular and metabolic disorders. The

CC oligomers are also used for detecting cell type differentiation. ABC00010
CC -ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073
CC represent the oligomers described in the invention. NOTE: The sequence
CC data for this patent did not form part of the printed specification, but
CC was obtained in electronic format from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
SQ Sequence 13 BP; 5 A; 1 C; 0 G; 7 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 948 TTTAATGTA 956
Db 10 TTTAATGTA 2
RESULT 3298
ACC78734/C
ID ACC78734 standard; DNA; 13 BP.
XX
AC ACC78734;
XX
DT 02-SEP-2003 (first entry)
XX
DE EIT-6 gene ERE fragment.
XX
XX ERE; reporter construct; estrogen response element; cytostatic; rat;
KW gene therapy; breast cancer; EIT-6; ds.
XX
OS Unidentified.
XX
PN WO2003042364-A2.
XX
PD 22-MAY-2003.
XX
PF 08-NOV-2002; 2002WO-US035901.
XX
PR 09-NOV-2001; 2001US-0338136P.
XX
PA (DAND) DANA FARBER CANCER INST INC.
XX
PI Polyak K, Pankaj S;
XX
DR WPI; 2003-449570/42.
XX
PT New reporter construct for identifying and isolating estrogen-responsive
PT cells comprises an estrogen response segment, a promoter segment and a
PT nucleotide sequence that encodes a reporter polypeptide.
XX
PS Disclosure; Page 10; 51pp; English.
XX
CC The invention relates to a reporter construct comprising: (a) an estrogen
CC response segment having 5 or more estrogen response elements (ERE); (b) a
CC promoter segment having at least one promoter nucleic acid sequence; and
CC (c) a nucleotide sequence that encodes a reporter polypeptide, where the
CC nucleotide sequence is operably linked to the promoter segment and the
CC estrogen response segment. The reporter construct and vector are useful
CC in identifying and isolating estrogen-responsive cells. The methods are
CC useful in inhibiting the proliferation or survival of estrogen-responsive
CC breast cancer cells or in enhancing the proliferation or survival of
CC estrogen-receptor non-expressing, estrogen-non-responsive cells.
CC Sequences ACC78731-34 represent sequences of ERs from EIT-6 gene that
CC can be used in the reporter constructs of the invention
XX
SQ Sequence 13 BP; 6 A; 3 C; 1 G; 3 T; 0 U; 0 Other;
Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 903 GGTCATTTT 911

```

Db      13 GGTCAATTT 5
|||||
RESULT 3299
AC78848/C
ID  ACC78848 standard; DNA; 13 BP.
XX
AC      AC78848;
XX
DT      02-SEP-2003 (first entry)
XX
DE      Putative estrogen response element (ERE) E4 nucleotide sequence.
XX
KW      E1T-6; estrogen-induced tag-6; cytostatic; breast cancer; human; SAGE;
KW      serial analysis of gene expression; tamoxifen; eestrogen; ds.
XX
OS      Homo sapiens.
XX
PN      WO2003042363-A2.
XX
PD      22-MAY-2003.
XX
PF      08-NOV-2002; 2002WO-US035899.
XX
PR      09-NOV-2001; 2001US-0337754P.
XX
PA      (DAND ) DANA FARBER CANCER INST INC.
XX
PI      Polyak K, Panka J S;
XX
WPI; 2003-523143/49.
XX
Novel polypeptide comprising fragment of estrogen-induced tag-6
PT polypeptide, useful for identifying compounds that inhibit activity of
PT the polypeptide, and thus are useful for inhibiting cancer cell
PT proliferation.
XX
PS      Example; Fig 2d; 54pp; English.
XX
The invention relates to an estrogen-induced tag (EIT)-6 polypeptide and
CC encoding polynucleotide. A method is provided for identifying a compound
CC which inhibits activity of EIT-6, e.g., hydroxylation of a proline
CC residue in a polypeptide or conversion of 2-ketoglutarate to succinate.
CC Another method provided is useful for inhibiting the activity of EIT-6 in
CC a mammalian cell e.g., cancer cell such as breast cancer cell. The method
CC is also useful for inhibiting activity of EIT-6 activity in an estrogen-
CC responsive cell, where the compound is preferably pyridine-2,5-
CC dicarboxylic acid or an analog of pyridine-2,5- dicarboxylic acid. The
CC compounds that inhibit EIT-6 as identified by the above mentioned methods
CC are useful as cancer therapeutics by inhibiting cancer cell (preferably
CC breast cancer cell) proliferation or survival. Sequences ACC78844-48
CC represent the consensus and putative estrogen response element (ERE)
CC nucleotide sequences
XX
SQ      Sequence 13 BP; 6 A; 3 C; 1 G; 3 T; 0 U; 0 Other;
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      903 GGTCAATTT 911
Db      13 GGTCAATTT 5
|||||
RESULT 3300
ADC64963
ID  ADC64963 standard; DNA; 13 BP.
XX
AC      ADC64963;
XX
DT      18-DEC-2003 (first entry)
XX
Camellia sinensis L. (O.) Kuntze related PCR primer AP68.
XX
Camellia sinensis L. (O.) Kuntze; tea tree; PCR primer; ss.
XX
Synthetic.
OS Camellia sinensis.
XX
PN CN1377966-A.
XX
PD 06-NOV-2002.
XX
PF 30-MAR-2001; 2001CN-00112459.
XX
PR 30-MAR-2001; 2001CN-00112459.
XX
PA (SCIN-) SCI & IND RES COMMISSION.
XX
WPI; 2003-230959/23.
XX
Cloning of a new gene sequence expressed and inhibited during winter
PT dormancy of a tea tree top plumelet, comprises identification, cloning
PT and analysis of a new primer in the gene sequence.
XX
Example 3; Page 32; 66pp; Chinese.
XX
The present invention describes the cloning of a new gene sequence
CC expressed and inhibited during hibernation of the top plumelet of a
CC Camellia sinensis L. (O.) Kuntze tea tree. Also described is the
CC identification, cloning and analysis of a primer terminal in the gene
CC sequence expressed and inhibited during hibernation of the top plumelet
CC of the tea tree. The present sequence represents a PCR primer which is
CC used in an example from the present invention.
XX
SQ      Sequence 13 BP; 2 A; 2 C; 3 G; 6 T; 0 U; 0 Other;
Query Match      12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      910 TTCCTTGGT 918
Db      5 TTCCTTGGT 13
|||||
Search completed: October 18, 2004, 14:26:09
Job time : 17 secs

```

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: October 18, 2004, 14:33:44 ; Search time 0.001 Seconds
(without alignments)
1012.364 Million cell updates/sec

Title: US-09-695-451-1

Perfect score: 73
Sequence: 1 cctggctatttcttgggt.....atgctgcgtaccacgggtg 73

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 435 seqs, 6934 residues

Total number of hits satisfying chosen parameters: 870

Minimum DB seq length: 8

Maximum DB seq length: 30

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 445 summaries

Database : rnpb1-899.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	17.6	24.1	24	1	US-10-276-358-36
2	17.2	23.6	25	1	US-10-775-169-2948
3	17	23.3	25	1	US-10-032-585-4182
4	15.4	21.1	17	1	US-09-877-478-213
5	15.4	21.1	17	1	US-10-342-902-213
6	15.4	21.1	17	1	US-10-138-674-3066
7	15.4	21.1	17	1	US-10-287-949A-3066
8	15.4	21.1	17	1	US-10-669-841-213
9	15.4	21.1	19	1	US-10-244-647-572
10	15.4	21.1	19	1	US-10-244-647-642
11	15.4	21.1	19	1	US-10-244-647-645
12	15.4	21.1	19	1	US-10-244-647-1218
13	15.4	21.1	19	1	US-10-244-647-1288
14	15.4	21.1	19	1	US-10-244-647-1291
15	15	20.5	20	1	US-10-453-792-135
16	14.6	20.0	21	1	US-09-940-244-83
17	14.6	20.0	21	1	US-10-356-861-83
18	14.6	20.0	21	1	US-10-033-297-83
19	14.6	20.0	21	1	US-10-260-451-12
20	14.6	20.0	21	1	US-10-260-451-16
21	14.6	20.0	21	1	US-10-250-386-83
22	14.4	19.7	17	1	US-09-877-478-212
23	14.4	19.7	17	1	US-09-877-478-214
24	14.4	19.7	17	1	US-10-342-902-212
25	14.4	19.7	17	1	US-10-342-902-214
26	14.4	19.7	17	1	US-10-669-841-212
27	14.4	19.7	17	1	US-10-669-841-214
28	14.4	19.7	19	1	US-10-244-647-606
29	14.4	19.7	19	1	US-10-244-647-644
30	14.4	19.7	19	1	US-10-244-647-1252
31	14.4	19.7	19	1	Sequence 1290, Ap
32	14.4	19.7	20	1	US-10-447-136-134
33	14.2	19.5	20	1	US-10-371-474-69
					Sequence 69, Appl

Sequence 293, App	1	US-10-085-198-293	21	19.5	14.2	C 34
Sequence 609, App	21	US-10-280-183A-609	21	19.5	14.2	C 35
Sequence 12, Appl	20	US-09-874-162A-12	20	19.2	14	C 36
Sequence 4117, Ap	18	US-09-969-373-4117	18	18.9	13.8	C 37
Sequence 37, Appl	20	US-10-293-863-37	20	18.9	13.8	C 38
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c 160	11.4	15.6	17	1	US-09-877-478-210	Sequence 210, App	233	11.2	15.3	17	1	US-10-712-672-363	Sequence 363, App
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274	10.4	14.2	15	1	US-10-136-113-2	Sequence 2, Appli	347	9.8	13.4	15	1	US-10-352-331-4	Sequence 4, Appli
275	10.4	14.2	15	1	US-10-137-019-40	Sequence 40, Appl	348	9.8	13.4	15	1	US-10-084-839-3764	Sequence 3764, App
276	10.4	14.2	15	1	US-10-138-674-4114	Sequence 4114, App	349	9.8	13.4	15	1	US-10-197-019-39	Sequence 39, Appl
277	10.4	14.2	15	1	US-10-287-949A-4114	Sequence 4114, App	350	9.8	13.4	15	1	US-10-440-850-746	Sequence 746, App
278	10.4	14.2	16	1	US-09-820-531-2	Sequence 2, Appli	351	9.8	13.4	15	1	US-10-440-850-757	Sequence 757, App
279	10.4	14.2	15	1	US-10-287-919-1127	Sequence 1127, App	352	9.8	13.4	15	1	US-10-297-068-24	Sequence 24, Appl
280	10.2	14.0	15	1	US-09-872-338-4	Sequence 4, Appli	353	9.8	13.4	15	1	US-10-138-674-4147	Sequence 4147, App
281	10.2	14.0	15	1	US-09-916-230-9	Sequence 9, Appli	354	9.8	13.4	15	1	US-10-287-226-558	Sequence 558, App
282	10.2	14.0	15	1	US-09-848-616-13	Sequence 13, Appl	355	9.8	13.4	15	1	US-10-255-120-37	Sequence 37, Appl
283	10.2	14.0	15	1	US-09-877-478-6032	Sequence 6032, App	356	9.8	13.4	15	1	US-10-255-120-116	Sequence 116, App
284	10.2	14.0	15	1	US-09-848-754A-9301	Sequence 9301, App	357	9.8	13.4	15	1	US-10-255-120-173	Sequence 173, App
285	10.2	14.0	15	1	US-09-872-868-4	Sequence 4, Appli	358	9.8	13.4	15	1	US-10-255-120-398	Sequence 398, App
286	10.2	14.0	15	1	US-09-872-339-4	Sequence 4, Appli	359	9.8	13.4	15	1	US-10-255-120-728	Sequence 728, App
287	10.2	14.0	15	1	US-10-342-902-6032	Sequence 6032, App	360	9.8	13.4	15	1	US-10-255-120-834	Sequence 834, App
288	10.2	14.0	15	1	US-10-287-919-1284	Sequence 1284, App	361	9.8	13.4	15	1	US-10-287-949A-4147	Sequence 4147, App
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290	10.2	14.0	15	1	US-10-287-919-2410	Sequence 2410, App	363	9.8	13.4	15	1	US-10-669-841-2495	Sequence 2495, App
291	10.2	14.0	15	1	US-10-050-902-13	Sequence 13, Appl	364	9.4	12.9	11	1	US-09-249-155-59	Sequence 59, Appl
292	10.2	14.0	15	1	US-10-050-898-13	Sequence 13, Appl	365	9.4	12.9	11	1	US-09-942-310-55	Sequence 55, Appl
293	10.2	14.0	15	1	US-10-440-850-291	Sequence 291, App	366	9.4	12.9	11	1	US-09-942-310-62	Sequence 62, Appl
294	10.2	14.0	15	1	US-10-255-120-58	Sequence 58, Appl	367	9.4	12.9	11	1	US-10-314-322-59	Sequence 59, Appl
295	10.2	14.0	15	1	US-10-255-120-293	Sequence 293, App	368	9.4	12.9	11	1	US-10-314-322-29	Sequence 29, App
296	10.2	14.0	15	1	US-10-255-120-298	Sequence 298, App	369	9.4	12.9	11	1	US-10-612-224-73	Sequence 73, Appl
297	10.2	14.0	15	1	US-10-669-841-2435	Sequence 2435, App	370	9.4	12.9	11	1	US-10-450-797-74	Sequence 74, Appl
298	10.2	14.0	15	1	US-10-733-582-13	Sequence 13, Appl	371	9.4	12.9	11	1	US-10-450-797-642	Sequence 642, App
299	10.2	14.0	15	1	US-10-033-145-862	Sequence 862, App	372	9.4	12.9	11	1	US-10-450-797-750	Sequence 750, App
300	10	13.7	10	1	US-10-033-145-1038	Sequence 1038, App	373	9.4	12.9	11	1	US-10-450-797-1046	Sequence 1046, App
301	10	13.7	10	1	US-10-033-145-2027	Sequence 2027, App	374	9.4	12.9	11	1	US-10-450-797-1082	Sequence 1082, App
302	10	13.7	10	1	US-10-330-627-72	Sequence 72, Appl	375	9.4	12.9	13	1	US-09-877-478-6127	Sequence 6127, App
303	10	13.7	11	1	US-09-918-715-81	Sequence 81, Appl	376	9.4	12.9	13	1	US-10-342-902-6127	Sequence 6127, App
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305	10	13.7	14	1	US-10-461-790-130	Sequence 130, App	378	9.4	12.9	13	1	US-10-055-732-28	Sequence 28, Appl
306	10	13.7	14	1	US-10-115-077-14	Sequence 14, Appl	379	9.4	12.9	13	1	US-10-669-841-2530	Sequence 2530, App
307	10	13.7	14	1	US-10-115-077-59	Sequence 59, Appl	380	9.4	12.9	13	1	US-10-700-118-21	Sequence 21, Appl
308	10	13.7	14	1	US-10-091-281-436	Sequence 436, App	381	9.4	12.9	13	1	US-10-700-118-24	Sequence 24, Appl
309	10	13.7	14	1	US-10-203-351-9	Sequence 9, Appli	382	9.4	12.9	14	1	US-09-771-933-169	Sequence 169, App
310	10	13.7	14	1	US-10-447-338-1	Sequence 1, Appli	383	9.4	12.9	20	1	US-10-193-221-59	Sequence 59, Appl
311	10	13.7	15	1	US-10-115-077-13	Sequence 13, Appl	384	9.4	12.9	20	1	US-10-774-888-59	Sequence 59, Appl
312	10	13.7	15	1	US-10-115-077-50	Sequence 50, Appl	385	9.2	12.6	14	1	US-09-263-959-510	Sequence 510, App
313	10	13.7	15	1	US-10-115-077-58	Sequence 58, Appl	386	9.2	12.6	14	1	US-09-263-959-619	Sequence 619, App
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315	10	13.7	15	1	US-10-400-382-100	Sequence 100, App	388	9.2	12.6	14	1	US-10-146-058-118	Sequence 118, App
316	10	13.7	15	1	US-10-440-850-927	Sequence 927, App	389	9.2	12.6	14	1	US-10-376-770-251	Sequence 251, App
317	10	13.7	15	1	US-10-255-120-119	Sequence 119, App	390	9.2	12.6	14	1	US-10-661-165-211	Sequence 251, App
318	10	13.7	15	1	US-10-255-120-817	Sequence 817, App	391	9.2	12.6	17	1	US-09-818-875-559	Sequence 559, App
319	9.8	13.4	13	1	US-09-877-478-6128	Sequence 6128, App	392	9.2	12.6	17	1	US-09-818-875-550	Sequence 559, App
320	9.8	13.4	13	1	US-09-510-378-29	Sequence 29, Appl	393	9.2	12.6	17	1	US-10-209-787-559	Sequence 559, App
321	9.8	13.4	13	1	US-09-798-260-87	Sequence 87, Appl	394	9.2	12.6	17	1	US-10-209-787-560	Sequence 560, App
322	9.8	13.4	13	1	US-10-342-902-6128	Sequence 6128, App	395	9.2	12.6	17	1	US-10-261-185-559	Sequence 559, App
323	9.8	13.4	13	1	US-10-113-877-38	Sequence 38, Appl	396	9.2	12.6	17	1	US-10-261-185-560	Sequence 560, App
324	9.8	13.4	13	1	US-10-669-841-2531	Sequence 2531, App	397	9.2	12.6	17	1	US-10-681-074-359	Sequence 559, App
325	9.8	13.4	13	1	US-10-700-118-11	Sequence 11, Appl	398	9.2	12.6	17	1	US-10-681-074-560	Sequence 560, App

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C 399 9 12.3 9 1 US-10-001-073-3
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C 407 9 12.3 10 1 US-10-302-547-35
C 408 9 12.3 11 1 US-09-249-155-222
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C 414 9 12.3 12 1 US-10-001-670-88
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C 427 8.8 12.1 12 1 US-10-117-108A-20
C 428 8.8 12.1 12 1 US-10-244-142A-7
C 429 8.8 12.1 12 1 US-10-661-165-405
C 430 8.8 12.1 13 1 US-09-934-604-4
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C 432 8.8 12.1 13 1 US-09-877-478-6115
C 433 8.8 12.1 13 1 US-10-342-902-5976
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C 435 8.8 12.1 13 1 US-10-123-170-1
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ALIGNMENTS

RESULT 1
US-10-276-358-36
; Sequence 36, Application US/10276358
; Publication No. US20040018586A1
; GENERAL INFORMATION:
; APPLICANT: Rosendahl, Mary
; APPLICANT: Cox, George
; APPLICANT: Doherty, Daniel
; TITLE OF INVENTION: Methods for Refolding Proteins Containing Free Cysteine Residues
; FILE REFERENCE: 4152-4-PCT
; CURRENT APPLICATION NUMBER: US/10276,358
; CURRENT FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: 60/204,617
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:

Sequence 3, Appli
Sequence 237, App
Sequence 521, App
Sequence 1326, Ap
Sequence 1495, Ap
Sequence 229, App
Sequence 644, App
Sequence 100, App
Sequence 35, Appl
Sequence 222, App
Sequence 222, App
Sequence 337, App
Sequence 962, App
Sequence 42, Appl
Sequence 28, Appl
Sequence 88, Appl
Sequence 42, Appl
Sequence 374, App
Sequence 27, Appl
Sequence 23, Appl
Sequence 15, Appl
Sequence 44, Appl
Sequence 60, Appl
Sequence 25, Appl
Sequence 482, App
Sequence 131, App
Sequence 17, Appl
Sequence 20, Appl
Sequence 7, Appl
Sequence 405, App
Sequence 4, Appl
Sequence 5976, Ap
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Sequence 1, Appl
Sequence 8, Appl
Sequence 8, Appl
Sequence 19, Appl
Sequence 130, App
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Sequence 403, App
Sequence 403, App
Sequence 2379, Ap
Sequence 2518, Ap

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; OTHER INFORMATION: primer
US-10-276-358-36

Query Match 24.1%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 17;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 944 TTGGTTTATGTCGTACCAAC 967
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Db 1 TTGGTTTCTCTATCGCTACCAAC 24

RESULT 2
US-10-775-169-2948
; Sequence 2948, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2948
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-2948

Query Match 23.6%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 21;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGTGTCATTTCTTTGGTCTT 921
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Db 3 CCTGTGTCATTTCTTTGGTCTT 24

RESULT 3
US-10-032-585-4182
; Sequence 4182, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4182
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4182

Query Match 23.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 22;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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Db 1 TTCTTTGCTCTTCCCTTGCTCC 25

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RESULT 4
US-09-877-478-213
; Sequence 213, Application US/09877478
; Publication No. US2003068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-213

Query Match          21.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 29;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

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Db 1 AUUUUUUUUGUUUG 17

RESULT 5
US-10-342-902-213
; Sequence 213, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14

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Query Match      21.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db   17 TTGCTGTATACCTCC 1

RESULT 8
US-10-669-841-213
; Sequence 213, Application US/10669841
; Publication No. US2004012744641
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS
; FILE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/04205 (MBHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-213

Query Match      21.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db   1 AUUUUUUUUUUUUUUU 17

RESULT 9
US-10-244-647-572
; Sequence 572, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 572
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-572

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 32;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

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Db   1 AUUUUUUUUUUUUUUU 17

RESULT 10
US-10-244-647-642
; Sequence 642, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 642
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-642

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 32;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY  907 ATTTCTTTGGTCTTTG 923
    |||||
Db   1 AUUUUUUUUUUUUUUU 17
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Db      2 AUUUUUUUUGUCUUUG 18

RESULT 11
US-10-244-647-645
; Sequence 645, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 645
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-645

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 32;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTCTTTG 923
|:::|:::|:::|
Db      3 AUUUUUUUUGUCUUUG 19

RESULT 12
US-10-244-647-1218/c
; Sequence 1218, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1218
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1218
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; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1218

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 32;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTCTTTG 923
|:::|:::|:::|
Db      19 ATTTCTTTGGTCTTTG 3

RESULT 13
US-10-244-647-1288/c
; Sequence 1288, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1288
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1288

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 32;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTCTTTG 923
|:::|:::|:::|
Db      18 ATTTCTTTGGTCTTTG 2

RESULT 14
US-10-244-647-1291/c
; Sequence 1291, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
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; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1291
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1291

Query Match      21.1%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 32;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923
Db 17 ATTTCCTTTGGTCTTTG 1

RESULT 15
US-10-453-792-135/c
; Sequence 135, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B. J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-10-453-792-135
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Query Match      20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 38;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923
Db 17 ATTTCCTTTGGTCTTTG 1

RESULT 16
US-09-940-244-83
; Sequence 83, Application US/09940244
; Publication No. US20030044796A1
; GENERAL INFORMATION:
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Smith, Lloyd M.
; TITLE OF INVENTION: Reactions on Dendrimers
; FILE REFERENCE: FORS-06478
; CURRENT APPLICATION NUMBER: US/09/940,244
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pyrococcus woesei
US-09-940-244-83

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 17
US-10-356-861-83
; Sequence 83, Application US/10356861
; Publication No. US20040072182A1
; GENERAL INFORMATION:
; APPLICANT: Victor, Lyamichev
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07813
; CURRENT APPLICATION NUMBER: US/10/356,861
; CURRENT FILING DATE: 2003-02-03
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 83
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-356-861-83

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 18
US-10-033-297-83
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```

1 Sequence 83, Application US/10033297
2 Publication No. US20020187486A1
3 GENERAL INFORMATION:
4 APPLICANT: Hall, Jeff G.
5 Lyamichev, Victor I.
6 Mast, Andrea L.
7 Brow, Mary Ann D.
8 TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
9 Sequential Invasive Cleavages
10 NUMBER OF SEQUENCES: 163
11 CORRESPONDENCE ADDRESS:
12 ADDRESSEE: Madlen & Carroll, LLP
13 STREET: 220 Montgomery Street, Suite 2200
14 CITY: San Francisco
15 STATE: California
16 COUNTRY: United States Of America
17 ZIP: 94104
18 COMPUTER READABLE FORM:
19 MEDIUM TYPE: Floppy disk
20 COMPUTER: IBM PC compatible
21 OPERATING SYSTEM: PC-DOS/MS-DOS
22 SOFTWARE: PatentIn Release #1.0, Version #1.30
23 CURRENT APPLICATION DATA:
24 APPLICATION NUMBER: US/10/033-297
25 FILING DATE: 12-Nov- US20020187486A1-2001
26 CLASSIFICATION: <Unknown>
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US/09/350,597
29 FILING DATE: 09-Jul-1999
30 APPLICATION NUMBER: US/08/823,516
31 FILING DATE: 24-MAR-1997
32 APPLICATION NUMBER: PCT/US97/01072
33 FILING DATE: 21-JAN-1997
34 APPLICATION NUMBER: US 08/759,038
35 FILING DATE: 02-DEC-1996
36 APPLICATION NUMBER: US 08/758,314
37 FILING DATE: 02-DEC-1996
38 APPLICATION NUMBER: US 08/756,386
39 FILING DATE: 29-NOV-1996
40 APPLICATION NUMBER: US 08/682,853
41 FILING DATE: 12-JUL-1996
42 APPLICATION NUMBER: US 08/599,491
43 FILING DATE: 24-JAN-1996
44 ATTORNEY/AGENT INFORMATION:
45 NAME: Ingolia, Diane E.
46 REGISTRATION NUMBER: 40,027
47 REFERENCE/DOCKET NUMBER: FORS-02736
48 TELECOMMUNICATION INFORMATION:
49 TELEPHONE: (415) 705-8410
50 TELEFAX: (415) 397-8438
51 INFORMATION FOR SEQ ID NO: 83:
52 SEQUENCE CHARACTERISTICS:
53 LENGTH: 21 base pairs
54 TYPE: nucleic acid
55 STRANDEDNESS: single
56 TOPOLOGY: linear
57 MOLECULE TYPE: other nucleic acid
58 DESCRIPTION: /desc = "DNA"
59 SEQUENCE DESCRIPTION: SEQ ID NO: 83:
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```

: Publication No. US20030124096A1
: GENERAL INFORMATION:
: APPLICANT: LOCARNINI, STEPHEN A
: APPLICANT: BARTHOLOMEUSZ, ANGELINE I
: APPLICANT: AYE, THEIN T
: APPLICANT: DEMAN, ROBERT A
: TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
: FILE REFERENCE: 2551-28
: CURRENT APPLICATION NUMBER: US/10/260,451
: PRIORITY FILING DATE: 2002-10-01
: PRIOR APPLICATION NUMBER: US/09/306,420
: PRIOR FILING DATE: 1999-05-06
: PRIOR APPLICATION NUMBER: PCT/AU97/00520
: PRIOR FILING DATE: 1997-08-15
: PRIOR APPLICATION NUMBER: P03519
: PRIOR FILING DATE: 1996-11-08
: NUMBER OF SEQ ID NOS: 57
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 12
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Hepatitis B virus
: US-10-260-451-12

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0;

Qy      908 TTTTCTTTGGTCTTTGCCCTTT 928
Db      1 TTTTCTTTTGTCTTTGGGTAT 21

RESULT 20
US-10-260-451-16/c
: Sequence 16, Application US/10260451
: Publication No. US20030124096A1
: GENERAL INFORMATION:
: APPLICANT: LOCARNINI, STEPHEN A
: APPLICANT: BARTHOLOMEUSZ, ANGELINE I
: APPLICANT: AYE, THEIN T
: APPLICANT: DEMAN, ROBERT A
: TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
: FILE REFERENCE: 2551-28
: CURRENT APPLICATION NUMBER: US/10/260,451
: PRIORITY FILING DATE: 2002-10-01
: PRIOR APPLICATION NUMBER: US/09/306,420
: PRIOR FILING DATE: 1999-05-06
: PRIOR APPLICATION NUMBER: PCT/AU97/00520
: PRIOR FILING DATE: 1997-08-15
: PRIOR APPLICATION NUMBER: P03519
: PRIOR FILING DATE: 1996-11-08
: NUMBER OF SEQ ID NOS: 57
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 16
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Hepatitis B virus
: US-10-260-451-16

```

```

1 Sequence 83, Application US/10033297
2 Publication No. US20020187486A1
3 GENERAL INFORMATION:
4 APPLICANT: Hall, Jeff G.
5 Lyamichev, Victor I.
6 Mast, Andrea L.
7 Brow, Mary Ann D.
8
9 TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
10 Sequential Invasive Cleavages
11
12 NUMBER OF SEQUENCES: 163
13 CORRESPONDENCE ADDRESS:
14 ADDRESSEE: Medlen & Carroll, LLP
15 STREET: 220 Montgomery Street, Suite 2200
16 CITY: San Francisco
17 STATE: California
18 COUNTRY: United States Of America
19 ZIP: 94104
20
21 COMPUTER READABLE FORM:
22 MEDIUM TYPE: Floppy disk
23 COMPUTER: IBM PC compatible
24 OPERATING SYSTEM: PC-DOS/MS-DOS
25 SOFTWARE: PatentIn Release #1.0, Version #1.30
26
27 CURRENT APPLICATION DATA:
28 APPLICATION NUMBER: US/10/033,297
29 FILING DATE: 12-No. US20020187486A1-2001
30 CLASSIFICATION: <Unknown>
31
32 PRIOR APPLICATION DATA:
33 APPLICATION NUMBER: US/09/350,597
34 FILING DATE: 09-Jul-1999
35 APPLICATION NUMBER: US/08/823,516
36 FILING DATE: 24-MAR-1997
37 APPLICATION NUMBER: PCT/US97/01072
38 FILING DATE: 21-JAN-1997
39 APPLICATION NUMBER: US 08/759,038
40 FILING DATE: 02-DEC-1996
41 APPLICATION NUMBER: US 08/758,314
42 FILING DATE: 02-DEC-1996
43 APPLICATION NUMBER: US 08/756,386
44 FILING DATE: 29-NOV-1996
45 APPLICATION NUMBER: US 08/682,853
46 FILING DATE: 12-JUL-1996
47 APPLICATION NUMBER: US 08/599,491
48 FILING DATE: 24-JAN-1996
49
50 ATTORNEY/AGENT INFORMATION:
51 NAME: Ingolia, Diane E.
52 REGISTRATION NUMBER: 40,027
53 REFERENCE/DOCKET NUMBER: FORS-02736
54
55 TELECOMMUNICATION INFORMATION:
56 TELEPHONE: (415) 705-8410
57 TELEFAX: (415) 397-8338
58
59 INFORMATION FOR SEQ ID NO: 83:
60 SEQUENCE CHARACTERISTICS:
61 LENGTH: 21 base pairs
62 TYPE: nucleic acid
63 STRANDEDNESS: single
64 TOPOLOGY: linear
65
66 MOLECULE TYPE: other nucleic acid
67 DESCRIPTION: /desc = "DNA"
68
69 SEQUENCE DESCRIPTION: SEQ ID NO: 83:
70
71 US-10-033-297-83
72
73 Query Match 20.0%; Score 14.6; DB 1; Length 21;
74 Best Local Similarity 81.0%; Pred.No.46;
75 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
76
77 QY 917 GTCCTTTGCCCTTTTATCCCTCC 937
78 ||| ||| ||| ||| ||| |||
79 Db 1 GCCTATGCCCTTTATCCCTCC 21
80
81 RESULT 19
82 US-10-260-451-12
83 Sequence 12, Application US/10260451

```

```
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07459
; CURRENT APPLICATION NUMBER: US/10/290,386
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: 60/361,060
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: 60/344,946
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 09/713,601
; PRIOR FILING DATE: 2000-11-15
; PRIOR APPLICATION NUMBER: 09/381,212
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 09/350,309
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 08/823,516
; PRIOR FILING DATE: 1997-03-24
; PRIOR APPLICATION NUMBER: 08/759,038
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: 08/756,386
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: 08/682,853
; PRIOR FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 08/599,491
; PRIOR FILING DATE: 1996-01-24
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 83
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-290-386-83

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      917 GCTCTTGCTTTATCCCTCC 937
DB      1 GCCTATGCCCTTTATCTCTCC 21

RESULT 22
US-09-877-478-212
; Sequence 212, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-214

Query Match      19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY      908 TTTTCTTGGCTTTC 923
DB      1 UUUUUUUUUUGUUUG 16

RESULT 24
US-10-342-902-212
; Sequence 212, Application US/10342902
; Publication No. US20040054156A1
```

```
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-212

Query Match      19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY      907 ATTTCCTTGGCTTTC 922
DB      2 AUUUUUUUUGUUUGU 17

RESULT 23
US-09-877-478-214
; Sequence 214, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-214

Query Match      19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY      908 TTTTCTTGGCTTTC 923
DB      1 UUUUUUUUUUGUUUG 16

RESULT 24
US-10-342-902-212
; Sequence 212, Application US/10342902
; Publication No. US20040054156A1
```



```
; Publication No. US 20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS (HBV)
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-214

Query Match          19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTGTCCTTG 923
Db 1 UUUUCUUUGUCUUUG 16

RESULT 28
US-10-244-647-606
; Sequence 606, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 644
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-244-647-644

Query Match          19.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 46;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGTCCTTT 922
Db 4 AUUUUCUUUGUCUUU 19

RESULT 30
US-10-244-647-1252/c
; Sequence 1252, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
```

```

; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1252
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1252

Query Match          19.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTTTG 923
Db 19 TTTTCTTTGGTCTTTG 4

RESULT 31
US-10-244-647-1290/c
; Sequence 1290, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1290
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1290

Query Match          19.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTTT 922
Db 16 ATTTCTTTGGTCTTTT 1

RESULT 32
US-10-447-136-134/c
; Sequence 134, Application US/10447136
; Publication No. US20040009948A1
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/10/447,136
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-447-136-134

Query Match          19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 47;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTTTG 923
Db 18 TTTTCTTTGGTCTTTG 3

RESULT 33
US-10-371-474-69
; Sequence 69, Application US/10371474
; Publication No. US2003014242A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/10/371,474
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US/09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-69

Query Match          19.5%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 51;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTTGCC 925
Db 1 ATTTCTTTGGTCTTTGCC 19

RESULT 34
US-10-085-198-293/c
; Sequence 293, Application US/10085198
; Publication No. US20040009907A1
```

GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 293
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-293

Query Match 19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 53;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 TTTCTTGGTCTTTGCCTT 927
|||
Db 20 TTTCTTGGTGTGGCTTT 2

RESULT 35
US-10-183A-609/c
; Sequence 609, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: Patent In Ver. 3.1
; SEQ ID NO 609

LENGTH: 21
TYPE: DNA
ORGANISM: Mouse
US-10-280-183A-609

Query Match 19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 53;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTCATT 945
|||
Db 19 TTTCTCCATCCTCTTCCTT 1

RESULT 36
US-09-874-162A-12
; Sequence 12, Application US/09874162A
; Patent No. US20020155452A1
; GENERAL INFORMATION:
; APPLICANT: Koonitz, Jason
; APPLICANT: Sklarz, Jeffrey
; TITLE OF INVENTION: FUSION OF JAZF1 AND JAZ1 GENES IN
; FILE REFERENCE: 05311-024001
; CURRENT APPLICATION NUMBER: US/09/874,162A
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: US 60/209,093
; PRIOR FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-874-162A-12

Query Match 19.2%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 55;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCTTCATT 945
|||
Db 7 CCTCTCTTCATT 20

RESULT 37
US-09-969-373-4117/c
; Sequence 4117, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-4117

Query Match 18.9%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 54;

```
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 912 CTTTGGTCTTGGCTTT 928
Db 18 CTTTGGTCTTGGCTTT 2

RESULT 38
US-10-293-863-37
; Sequence 37, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-293-863-37

Query Match 18.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTGGCC 925
Db 3 TGTCTTTGGTCTTGGCC 19

RESULT 39
US-10-293-863-70/c
; Sequence 70, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; US-10-293-863-70

Query Match 18.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTGGCC 925
Db 18 TGTCTTTGGTCTTGGCC 2

RESULT 40
US-09-792-251-23/c
; Sequence 23, Application US/09792251
; Patent No. US20020160364A1
; GENERAL INFORMATION:
; APPLICANT: Fritz, Christian
; APPLICANT: Youngman, Philip
```

```
; APPLICANT: Guzman, Luz-Maria
; TITLE OF INVENTION: USE OF YACM AND YQEU, ESSENTIAL BACTERIAL GENES AND POLYPEPTIDES
; FILE REFERENCE: 06286-140001
; CURRENT APPLICATION NUMBER: US/09/792,251
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
; US-09-792-251-23

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 905 TCATTTCTTGGTCTTGGC 924
Db 20 TCATTTCTTGGCCTTGGC 1

RESULT 41
US-10-289-762-4603
; Sequence 4603, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4603
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-4603

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 936 CCTCTTCATTGGTTAATCT 955
Db 1 CCTCTTCATTGGATTGATCT 20

RESULT 42
US-09-818-875-559/c
; Sequence 559, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
```

; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-559

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGTACCAAC 967
DB 15 TGTATCGTACCAAC 1

RESULT 43

US-09-818-875-560
; Sequence 560, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-560

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGTACCAAC 967
DB 3 TGTATCGTACCAAC 17

RESULT 44

US-09-877-478-909
; Sequence 909, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025

; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 909
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-909

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCTT 921
DB 3 AUUUCUUUGUUU 17

RESULT 45

US-09-877-478-1602
; Sequence 1602, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1602

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTGGTCTTGG 923


```

; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-560

```

```

Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 953 TGTATCGCTACCAAC 967
DB 3 TGTATCGCTACCAAC 17

```

RESULT 50

```

US-10-261-185-559/c
; Sequence 559, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-559

```

```

Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 953 TGTATCGCTACCAAC 967
DB 15 TGTATCGCTACCAAC 1

```

RESULT 51

```

US-10-261-185-560
; Sequence 560, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-560

```

```

Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 953 TGTATCGCTACCAAC 967
DB 3 TGTATCGCTACCAAC 17

```

RESULT 52

```

US-10-669-841-909
; Sequence 909, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT
; FILE REFERENCE: 400/042US (MEH802-249-B)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321

```



```

; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 909
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-909

```

```
Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;
```

Qy 907 ATTTCTTTGGCTT 921
|:::|::|::|::
Db 3 AUUUUUUUUGUCUU 17

RESULT 53
US-10-669-841-1602
; Sequence 1602, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Patricia, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MEHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.

```
Query Match      18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 60;
Matches 4: Conservative 10; Mismatches 1; Indels 0; Gaps 0;
```

Qy 909 TTCTTTGGTCTTG 923
:::|:::|:::|

D^b 1 UUUCUUUUUGUCUUUG 15

RESULT 54

```

US-10-681-074-559/c
; Sequence 559, Application US/10681074
; Publication No. US2004017572A1
; GENERAL INFORMATION:
; APPLICANT: KMEIC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: NaPro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-559

```

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

953 TGTATCGCTACCAAC 967

Db 15 TGTATCGCTACAAAC 1

RESULT 55

```

US-10-681-074-560
; Sequence 560, Application US/10681074
; Publication No. US2004017572A1
; GENERAL INFORMATION:
; APPLICANT: KMEIC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: Napro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-560

```

Query Match 18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches 1; Indels

953 TGTATCGCTACCAAC 967

Db 3 TGTATCGCTACAAAC 17

RESULT 56
US-10-244-647-598
; Sequence 598, Application US/10244647
; Publication No. US20030206887A1

GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 598
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-244-647-598

Query Match 18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 65;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTCTTTG 923
Db 1 UUUUUUUUUUUU 15

RESULT 57
US-10-244-647-637
; Sequence 637, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 637
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-244-647-637

Query Match 18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 65;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGCTTT 921
Db 5 AUUUUUUUUUUUU 19

RESULT 58
US-10-244-647-1244/c
; Sequence 1244, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-244-647-1244

Query Match 18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTCTTTG 923
Db 19 TTTCCTTGGCTTTG 5

RESULT 59
US-10-244-647-1283/c
; Sequence 1283, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHR02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1283
; LENGTH: 19
; TYPE: RNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  s1na antisense region
US-10-244-647-1283

Query Match      18.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGCTTT 921
Db 15 ATTTCCTTGGCTTT 1

RESULT 60
US-09-754-167-57
; Sequence 57, Application US/09754167
; Patent No. US20010019328A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 1 EXPRESSION
; FILE REFERENCE: RTS-0140
; CURRENT APPLICATION NUMBER: US/09/754,167
; CURRENT FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-754-167-57

Query Match      18.4%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 68;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTCA 943
Db 5 TATCCCTCCTCTTCA 19

RESULT 61
US-09-968-355-5/c
; Sequence 5, Application US/09968355
; Patent No. US20020094523A1
; GENERAL INFORMATION:
; APPLICANT: Sakalian, Michael
; APPLICANT: Hunter, Eric
; TITLE OF INVENTION: Chimeric Retroviral Gag Genes and Screening Assays
; FILE REFERENCE: UAB-100XC1
; CURRENT APPLICATION NUMBER: US/09/968,355
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 60/236,273
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-968-355-5

Query Match      18.1%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 70;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 912 CTTTGGCTTTGGCTTTT 929
Db 18 CTTTGGCTTTGGCTTTT 1
```

```
RESULT 62
US-09-021-660A-12/c
; Sequence 12, Application US/09021660A
; Patent No. US20010041668A1
; GENERAL INFORMATION:
; APPLICANT: Baron, M.
; APPLICANT: Farrington, S.
; APPLICANT: Belaussoff, M.
; TITLE OF INVENTION: METHODS FOR MODULATING HEMATOPOIESIS AND VASCULAR
; TITLE OF INVENTION: GROWTH
; FILE REFERENCE: HU1P-P01-060
; CURRENT APPLICATION NUMBER: US/09/021,660A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/037,513
; PRIOR FILING DATE: 1997-02-10
; PRIOR APPLICATION NUMBER: 60/049,763
; PRIOR FILING DATE: 1997-06-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-021-660A-12
```

```
Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 949 TTAATGTATCGCTACCA 966
Db 20 TTAGTGTTCGCTGCCAA 3
```

```
RESULT 63
US-09-242-772-41
; Sequence 41, Application US/09242772
; Publication No. US20020009720A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie
; TITLE OF INVENTION: PLAG gene family and tumorigenesis
; FILE REFERENCE: VIB-011-US
; CURRENT APPLICATION NUMBER: US/09/242,772
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: EP 96202229.6
; PRIOR FILING DATE: 1996-08-22
; PRIOR APPLICATION NUMBER: EP 97200130.9
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: PCT/EP97/04759
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc feature
; OTHER INFORMATION: sense primer CH122
US-09-242-772-41
```

```
Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 914 TTGGCTTTGGCTTTAT 931
Db 11 TTGGCTTTGGCTTTAT 1
```



```
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Randy Lane Bell
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
; FILE REFERENCE: RTS-0261
; CURRENT APPLICATION NUMBER: US/10/272,727
; CURRENT FILING DATE: 2002-10-16
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-272-727-49

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 CTCCTCATGTTTAATG 954
    |||||
Db 20 CTATTCTTGGCTTAATG 3

RESULT 69
US-10-272-811-49/c
; Sequence 49, Application US/10272811
; Publication No. US20040076621A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
; FILE REFERENCE: RTS-0162
; CURRENT APPLICATION NUMBER: US/10/272,811
; CURRENT FILING DATE: 2002-10-16
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-272-811-49

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 CTCCTCATGTTTAATG 954
    |||||
Db 20 CTATTCTTGGCTTAATG 3

RESULT 70
US-10-317-277A-51
; Sequence 51, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-277A-51

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 CTCCTCATGTTTAATG 954
    |||||
Db 20 CTATTCTTGGCTTAATG 3

RESULT 71
US-10-317-277A-127/c
; Sequence 127, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-277A-127

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCCTTTATC 932
    |||||
Db 19 TGGTGGATGCCCTTTATC 2

RESULT 72
US-10-774-888-59/c
; Sequence 59, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-59

Query Match      18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 939 CTTTCATTGGTTTAATGTA 956
    |||||
Db 20 CTACATTGTTTAAATGAA 3

RESULT 73
US-10-060-756A-4341/c
; Sequence 4341, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
```



```
RESULT 77
US-10-197-290-36
; Sequence 36, Application US/10197290
; Publication No. US20030083300A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0421
; CURRENT APPLICATION NUMBER: US/10/197,290
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 09/857,299
; PRIOR FILING DATE: 2001-20-04
; PRIOR APPLICATION NUMBER: PCT/US99/22083
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-197-290-36

Query Match          17.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 77;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCCTCTTC 942
Db 1 TTTCTCTCTCCTCTTC 16

RESULT 78
US-10-388-263-189
; Sequence 189, Application US/10398263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeill, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Chashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-189

Query Match          17.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 77;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCCTCTTC 942
Db 1 TTTCTCTCTCCTCTTC 16
```

RESULT 79

```
US-09-925-548-46
; Sequence 46, Application US/09925548
; Patent No. US20020107216A1
; GENERAL INFORMATION:
; APPLICANT: Dedhar, Shoukat
; APPLICANT: Hannigan, Greg
; APPLICANT: Yee, Arthur
; TITLE OF INVENTION: INTEGRIN-LINKED KINASE AND ITS USES
; FILE REFERENCE: KINE001CIP4
; CURRENT APPLICATION NUMBER: US/09/925,548
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 09/390,425
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 09/035,706
; PRIOR FILING DATE: 1998-03-05
; PRIOR APPLICATION NUMBER: 08/955,841
; PRIOR FILING DATE: 1997-10-21
; PRIOR APPLICATION NUMBER: 08/752,345
; PRIOR FILING DATE: 1996-11-19
; PRIOR APPLICATION NUMBER: 60/009,074
; PRIOR FILING DATE: 1995-12-21
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-548-46
```

Query Match

17.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 80;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 931 TCCTCTCTCTTCATTG 946

Db 4 TCCTCTCTCTTCATTG 19

RESULT 80

```
US-10-349-143-10295/c
; Sequence 10295, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10295
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1...19
; OTHER INFORMATION: downstream amplification primer 99-10966 for SEQ 2430, in compleme
US-10-349-143-10295
```

Query Match

17.5%; Score 12.8; DB 1; Length 19;

; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1243
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1243

Query Match 17.3%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 910 TCTTTGGTCTTTCCTTT 928
Db 19 TCTTTTGTCTTTCGGTAT 1

RESULT 85
US-10-287-919-1518
; Sequence 1518, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zeiger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1518
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (810217)...(810230)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1914
US-10-287-919-1518

Query Match 17.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 77;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 918 TCTTTGGCTTTTAT 931
Db 1 TCTTTGCTTTT 14

RESULT 86
US-09-877-478-211
; Sequence 211, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MSH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 211
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-211

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 28.6%; Pred. No. 85;
Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGTCT 920
Db 4 AUUUCUUUGUCU 17

RESULT 87
US-09-864-636A-814/c
; Sequence 814, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-814

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCATTG 946
Db 16 CCTCCTCTTCATTG 3

RESULT 88
US-09-864-636A-820/c
; Sequence 820, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 820

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-820

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
Db 16 CCTCCTCTTCATTG 3

RESULT 89
US-09-864-426A-814/c
; Sequence 814, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-814

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
Db 16 CCTCCTCTTCATTG 3

RESULT 90
US-09-864-426A-820/c
; Sequence 820, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 820
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-820

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
Db 16 CCTCCTCTTCATTG 3

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
Db 16 CCTCCTCTTCATTG 3

RESULT 91
US-10-342-902-211
; Sequence 211, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MEH800-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 211
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-211

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 28.6%; Pred. No. 85;
Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCT 920
Db 4 AUUUUUUUUGUCU 17

RESULT 92
US-10-060-756A-4343/c
; Sequence 4343, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
```

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 4343
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4343

```

```
Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 914 TTGGTCTTTGCCCTT 927
Db 15 TTGGTCTTTGACTT 2

```

RESULT 93
US-10-060-756A-4344/c
; Sequence 4344, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Ascmica Sequence Listing Engine
; SEQ ID NO 4344
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4344

```

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 914 TTGGTCTTTGCCCTT 927
|||
Db 14 TTGGTCTTTGACTT 1

RESULT 94
US-10-084-839-814/c
; Sequence 814, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawt, Hatim
; APPLICANT: Arcue, Brad T.

```

; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowtak, Andrew A.
; APPLICANT: Lyamichew, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Muncoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tetsuka Y.
; APPLICANT: Tvedvik, Lisa C.
; APPLICANT: Thompson, Kevin L.
; APPLICANT: Tompkins, Leisa C.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06656
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-084-839-814

```

```

Query Match      17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Caps 0;

```

Qy 933 CCTCCTCTTCATTG 946
 |||||
Db 16 CCTCCTCCTCATTG 3

RESULT 95
US-10-084-839-820/c
Sequence 820, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Alawi, Brad M
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eris, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymalcheva, Natalie E.
APPLICANT: Ma, WUPO
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsecka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 820
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-820

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 945
DB 16 CTCTCCTCTCATTG 3

RESULT 96
US-10-669-841-211
; Sequence 211, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwigen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS
; FILE REFERENCE: 400/042US (MEH802-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 211
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-211

Query Match 17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 28.6%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;
QY 907 ATTTCCTTTGGTCT 920
DB 4 AUUUUCUUUGUCU 17

RESULT 97
US-09-819-094-31/c
; Sequence 31, Application US/09819094
; Publication No. US20030186382A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Therapeutic and Diagnostic Use
; FILE REFERENCE: UCSP-018/02US
; CURRENT APPLICATION NUMBER: US/09/819,094
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-819-094-31

Query Match 17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 89;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCT 920
DB 18 ATTTCCTTTGGTTT 5

RESULT 98
US-10-714-067-31/c
; Sequence 31, Application US/10714067
; Publication No. US20040077054A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSP-018/02US
; CURRENT APPLICATION NUMBER: US/10/714,067
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: US/09/819,094
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-714-067-31

Query Match 17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 89;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCT 920
|||||
Db 18 ATTTCCTTTGGTTT 5

RESULT 99
US-09-864-636A-201/c
; Sequence 201, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 201
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-201

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 100
US-09-864-636A-828/c
; Sequence 828, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 828
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-828

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 101
US-09-864-426A-201/c
; Sequence 201, Application US/09864426A

; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 201
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-201

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 102
US-09-864-426A-828/c
; Sequence 828, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 828
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-828

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 103
US-10-084-839-201/c
; Sequence 201, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eris, Peggy S.


```

; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 965
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-965

Query Match          17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCT 920
   |||||
DB 14 ATTTCCTTGGTCT 1

RESULT 107
US-10-349-143-7250/c
; Sequence 7250, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7250
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3217 for SEQ 3316,
US-10-349-143-7250

Query Match          17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCTTGGCCTTTA 930
   |||||
DB 19 GTCTTGGCCTTTA 6

RESULT 108
US-03-740-332-2472/c
; Sequence 2472, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

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; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2472

Query Match          16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTCTTTG 916
   |||||
DB 17 CCTGGTCGTTATCTGTG 1

RESULT 109
US-09-817-879-2472/c
; Sequence 2472, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2472

Query Match          16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTCTTTG 916
   |||||
DB 17 CCTGGTCGTTATCTGTG 1

RESULT 110
US-09-927-046-790
; Sequence 790, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
; TITLE OF INVENTION: Channel-1

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```
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 790
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-790

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 91;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTTCATTG 946
Db 1 AUCCACCUCUUCUAUG 17

RESULT 111
US-10-060-998-487
; Sequence 487, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 487
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-487

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGTTTA 951
Db 1 TCTTCTCAATGTTTAA 17

RESULT 112
US-10-060-998-490
; Sequence 490, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 490
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-490

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTAATG 954
Db 1 TCTTCAATGTTTACTG 17

RESULT 113
US-10-156-306-1602/C
; Sequence 1602, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1602

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTCGCTTTTGC 924
Db 17 TTTTCTTCGGCTTTTC 1

RESULT 114
US-10-138-674-5632
; Sequence 5632, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-5632

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 91;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTTCTTTGCTTTTG 923
Db 1 AUAUUCUCUCUCUUG 17
```



```
RESULT 115
US-10-138-674-7227
; Sequence 7227, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7227
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7227

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 91;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 915 TGGTCTTTCCTTTTAT 931
Db 1 UGGUCUUCUGCUGAAU 17

RESULT 116
US-10-676-154-260/c
; Sequence 260, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charost
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 260
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-260

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 936 CCTCTTCATTGGTTTAA 952
Db 17 CCTCCTTATTGGTTTGA 1

RESULT 117
US-10-287-949A-5632
; Sequence 5632, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5632

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 91;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTTG 923
Db 1 AUAUUCUCUGCUCUUG 17

RESULT 118
US-10-287-949A-7227
; Sequence 7227, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7227
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7227

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 91;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 915 TGGTCTTTCCTTTTAT 931
Db 1 UGGUCUUCUGCUGAAU 17

RESULT 119
US-10-669-841-5065/c
; Sequence 5065, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, McSwiggen
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5632

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 91;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTTG 923
Db 1 AUAUUCUCUGCUCUUG 17

RESULT 118
US-10-287-949A-7227
; Sequence 7227, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7227
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7227

Query Match      16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 91;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 915 TGGTCTTTCCTTTTAT 931
Db 1 UGGUCUUCUGCUGAAU 17

RESULT 119
US-10-669-841-5065/c
; Sequence 5065, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, McSwiggen
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
```

;; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
;; TITLE OF INVENTION: VIRUS REPLICATION
;; FILE REFERENCE: 400/042US (MHB02-249-E)
;; CURRENT APPLICATION NUMBER: US/10/669,841
;; CURRENT FILING DATE: 2003-09-23
;; PRIOR APPLICATION NUMBER: PCT/US02/09187
;; PRIOR FILING DATE: 2002-03-26
;; PRIOR APPLICATION NUMBER: US 60/295,876
;; PRIOR FILING DATE: 2001-06-08
;; PRIOR APPLICATION NUMBER: US 60/335,059
;; PRIOR FILING DATE: 2001-10-24
;; PRIOR APPLICATION NUMBER: US 60/337,055
;; PRIOR FILING DATE: 2001-12-05
;; PRIOR APPLICATION NUMBER: US 60/358,580
;; PRIOR FILING DATE: 2002-02-20
;; PRIOR APPLICATION NUMBER: US 60/363,124
;; PRIOR FILING DATE: 2002-03-11
;; PRIOR APPLICATION NUMBER: US 09/817,879
;; PRIOR FILING DATE: 2001-03-26
;; PRIOR APPLICATION NUMBER: US 09/740,332
;; PRIOR FILING DATE: 2000-12-18
;; PRIOR APPLICATION NUMBER: US 09/611,931
;; PRIOR FILING DATE: 2000-07-07
;; PRIOR APPLICATION NUMBER: US 09/504,321
;; PRIOR FILING DATE: 2000-02-15
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 16207
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 5065
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
;; NAME/KEY: misc_feature
;; LOCATION:
;; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5065

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCGTGCATTTCTTTG 916
DB 17 CCGTGCATTTCTTTG 1

RESULT 120
US-09-969-373-2651/c
;; Sequence 2651, Application US/09969373
;; Patent No. US20020133852A1
;; GENERAL INFORMATION:
;; APPLICANT: Haug, Brian M.
;; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
;; FILE REFERENCE: 38-10(52679)A
;; CURRENT APPLICATION NUMBER: US/09/969,373
;; CURRENT FILING DATE: 2001-10-02
;; PRIOR FILING DATE: 2001-10-02
;; PRIOR APPLICATION NUMBER: US 09/754,853
;; PRIOR FILING DATE: 2001-01-05
;; PRIOR APPLICATION NUMBER: US 09/760,427
;; PRIOR FILING DATE: 2001-01-13
;; PRIOR APPLICATION NUMBER: US 09/855,768
;; PRIOR FILING DATE: 2001-05-15
;; NUMBER OF SEQ ID NOS: 4593
;; SEQ ID NO 2651
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Glycine max
US-09-969-373-2651

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTATG 954
DB 18 TCTTCATTGGTTGAAG 2

RESULT 121
US-09-969-373-2652
;; Sequence 2652, Application US/09969373
;; Patent No. US20020133852A1
;; GENERAL INFORMATION:
;; APPLICANT: Effertz, Roger J.
;; APPLICANT: Haug, Brian M.
;; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
;; FILE REFERENCE: 38-10(52679)A
;; CURRENT APPLICATION NUMBER: US/09/969,373
;; CURRENT FILING DATE: 2001-10-02
;; PRIOR FILING DATE: 2001-10-02
;; PRIOR APPLICATION NUMBER: US 09/754,853
;; PRIOR FILING DATE: 2001-01-05
;; PRIOR APPLICATION NUMBER: US 09/760,427
;; PRIOR FILING DATE: 2001-01-13
;; PRIOR APPLICATION NUMBER: US 09/855,768
;; PRIOR FILING DATE: 2001-05-15
;; NUMBER OF SEQ ID NOS: 4593
;; SEQ ID NO 2652
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Glycine max
US-09-969-373-2652

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTTTATG 954
DB 1 TCTTCATTGGTTGAAG 17

RESULT 122
US-10-241-780-108
;; Sequence 108, Application US/10241780
;; Publication No. US20030165821A1
;; GENERAL INFORMATION:
;; APPLICANT: VAN DOORN, Leen-Jan et al.
;; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and ty
;; FILE REFERENCE: 3501-0101P
;; CURRENT APPLICATION NUMBER: US/10/241,780
;; CURRENT FILING DATE: 2002-09-11
;; PRIOR APPLICATION NUMBER: 09/527,030
;; PRIOR FILING DATE: 2000-03-16
;; NUMBER OF SEQ ID NOS: 497
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 108
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-10-241-780-108

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAAATGATCGCT 961
DB 1 TGGTTTAAATGATGTT 17

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 127

```
US-10-287-949A-4106
; Sequence 4106, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4106
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4106
Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 89;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db :|||:|||||:
2 UGGUCUUUGCCU 13

RESULT 128
US-10-138-674-5670
; Sequence 5670, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5670
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-5670
Query Match 16.4%; Score 12; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 93;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db :|||:|||||:
3 UGGUCUUUGCCU 14

RESULT 129
US-10-287-949A-5670
; Sequence 5670, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5670
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5670
Query Match 16.4%; Score 12; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 93;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db :|||:|||||:
3 UGGUCUUUGCCU 14

RESULT 130
US-10-138-674-44
; Sequence 44, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-44
Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db :|||:|||||:
5 UGGUCUUUGCCU 16

RESULT 131
US-10-138-674-45
; Sequence 45, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-45
Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
Db :|||:|||||:
5 UGGUCUUUGCCU 16
```

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-45

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926
:||||:||||:
Db 3 UGGUCUUUGCCU 14

RESULT 132

US-10-138-674-46
; Sequence 46, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 46
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-46

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926
:||||:||||:
Db 2 UGGUCUUUGCCU 13

RESULT 133

US-10-138-674-4244
; Sequence 4244, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4244
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4244

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926

Db 4 UGGUCUUUGCCU 15
:||||:||||:

RESULT 134

US-10-287-949A-44
; Sequence 44, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 44
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-44

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926
:||||:||||:
Db 5 UGGUCUUUGCCU 16

RESULT 135

US-10-287-949A-45
; Sequence 45, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 45
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-45

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 98;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCT 926
:||||:||||:
Db 3 UGGUCUUUGCCU 14

RESULT 136

US-10-287-949A-46
; Sequence 46, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:

Query Match 16.2%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 33.3%; Pred. No. 1e+02;
 Matches 5; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTGGCTTTT 929
 Db 2 UGAUCUUGCCUUCU 16

RESULT 145

US-09-780-164-715
 ; Sequence 715, Application US/09780164
 ; Publication No. US20030092646A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
 ; FILE REFERENCE: 400/010
 ; CURRENT APPLICATION NUMBER: US/09/780,164
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: 60/185,516
 ; PRIOR FILING DATE: 2000-02-28
 ; NUMBER OF SEQ ID NOS: 2603
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 715
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-780-164-715

Query Match 16.2%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 33.3%; Pred. No. 1e+02;
 Matches 5; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTGGCTTTT 929
 Db 1 UGAUCUUGCCUUCU 15

RESULT 146

US-10-060-756A-4340/c
 ; Sequence 4340, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 ; FILE REFERENCE: PB0177
 ; CURRENT APPLICATION NUMBER: US/10/060,756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/327,898
 ; PRIOR FILING DATE: 2001-10-09
 ; NUMBER OF SEQ ID NOS: 4804
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; SEQ ID NO 4340
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-10-060-756A-4340

Query Match 16.2%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTGGCTTTT 929
 Db 17 TGGTCTTGGCTTTT 3

RESULT 147

US-10-156-306-1603/c
 ; Sequence 1603, Application US/10156306
 ; Publication No. US20030119017A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8013
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 1603
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306-1603

Query Match 16.2%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTGGCTTTT 922
 Db 16 TTTTCTTGGCTTTT 2

RESULT 148

US-10-156-306-3759/c
 ; Sequence 3759, Application US/10156306
 ; Publication No. US20030119017A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8013
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 3759
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306-3759

Query Match 16.2%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTGGCTTTT 922
 Db 15 TTTTCTTGGCTTTT 1

RESULT 149

US-10-238-700-801
 ; Sequence 801, Application US/10238700
 ; Publication No. US20030153521A1


```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH001-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 801
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-801

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 40.0%; Pred. No. 1e+02;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY      937 CTTTCATTGGTTA 951
Db      3 CACUUAUACCCUCCU 17

RESULT 150
US-10-138-674-419
; Sequence 419, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 419
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-419

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 1e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTTATCCCTCCT 938
Db      3 CCUAUUAACCCUCCU 17

RESULT 151
US-10-138-674-7574
; Sequence 7574, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
```

```
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7574

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 1e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTTATCCCTCCT 938
Db      2 CCUAUUAACCCUCCU 16

RESULT 152
US-10-287-949A-419
; Sequence 419, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 419
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-419

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 1e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      924 CCTTTTATCCCTCCT 938
Db      3 CCUAUUAACCCUCCU 17

RESULT 153
US-10-287-949A-7574
; Sequence 7574, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7574
```

Query Match 16.2%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 53.3%; Pred. No. 1.1e+02;
 Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 924 CTTTATCCCTCT 938
 DB 2 CCUAUUAACCCUCCU 16

RESULT 154

US-09-969-373-3188/c
 ; Sequence 3188, Application US/09969373
 ; Patent No. US20020133852A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bifert, Roger J.
 ; APPLICANT: Haug, Brian M.
 ; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
 ; FILE REFERENCE: 38-10(52679)A
 ; CURRENT APPLICATION NUMBER: US/09/969,373
 ; CURRENT FILING DATE: 2001-10-02
 ; PRIOR APPLICATION NUMBER: US 09/754,853
 ; PRIOR FILING DATE: 2001-01-05
 ; PRIOR APPLICATION NUMBER: US 09/760,427
 ; PRIOR FILING DATE: 2001-01-13
 ; PRIOR APPLICATION NUMBER: US 09/855,768
 ; PRIOR FILING DATE: 2001-05-15
 ; NUMBER OF SEQ ID NOS: 4593
 ; SEQ ID NO 3188
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Glycine max
 US-09-969-373-3188

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 TCCTTCATCGGT 949
 DB 15 TCCTTCATCGAT 1

RESULT 155

US-10-067-125-154/c
 ; Sequence 154, Application US/10067125
 ; Publication No. US20030055015A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Brenda F.
 ; APPLICANT: Cowser, Lex M.
 ; APPLICANT: Monia, Brett P.
 ; APPLICANT: Xu, Xiaoxing S.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
 ; FILE REFERENCE: ISPH-0321
 ; CURRENT APPLICATION NUMBER: US/10/067,125
 ; CURRENT FILING DATE: 2002-02-04
 ; PRIOR APPLICATION NUMBER: 09/167,109
 ; PRIOR FILING DATE: 1998-10-06
 ; NUMBER OF SEQ ID NOS: 228
 ; SEQ ID NO 154
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: antisense sequence
 US-10-067-125-154

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTCTTTGCTTTG 923
 |||||

Db 16 TTCTCTGGACTTG 2

RESULT 156

US-10-349-143-6620
 ; Sequence 6620, Application US/10349143
 ; Publication No. US20040005584A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cohen, Daniel
 ; APPLICANT: Blumenfeld, Marta
 ; APPLICANT: Chumakov, Ilya
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; FILE REFERENCE: GENSET.020CPI
 ; CURRENT APPLICATION NUMBER: US/10/349,143
 ; CURRENT FILING DATE: 2003-01-21
 ; PRIOR APPLICATION NUMBER: US/09/422,978
 ; PRIOR FILING DATE: 1999-10-20
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 6620
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE:
 ; NAME/KEY: primer_bind
 ; LOCATION: 1..18
 ; OTHER INFORMATION: upstream amplification primer 99-14093 for SEQ 2686,
 US-10-349-143-6620

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 903 GGTCATTTCTTTGG 917
 |||||
 DB 4 GGACATTTTCATTGG 18

RESULT 157

US-10-010-802-27/c
 ; Sequence 27, Application US/10010802
 ; Publication No. US20030078220A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Genasense Pharmaceuticals
 ; APPLICANT: Chew, Anne
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Duda, Amy
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stephens, J. Claiborne
 ; APPLICANT: Windemuth, Andreas
 ; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
 ; FILE REFERENCE: 4 Receptor Alpha Gene
 ; CURRENT APPLICATION NUMBER: US/10/010,802
 ; CURRENT FILING DATE: 2001-11-09
 ; PRIOR APPLICATION NUMBER: PCT/US00/19094
 ; PRIOR FILING DATE: 2000-07-13
 ; NUMBER OF SEQ ID NOS: 413
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 27
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-010-802-27

Query Match 15.6%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 1.1e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 501
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-501

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 38.5%; Pred. No. 1.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCTT 927
||:|:|:|:|:|:
DB 4 UGAUCUUGCCUU 16

RESULT 162
US-10-342-902-210
; Sequence 210, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sarna Therapeutics, Inc.
; APPLICANT: Dreper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 210
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-210

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTC 919
|:|:|:|:|:|:
DB 5 AUUUCUUGCCU 17

RESULT 163
US-10-342-902-215
; Sequence 215, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sarna Therapeutics, Inc.
; APPLICANT: Dreper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)

; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 215
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-215

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTG 923
||:|:|:|:|:|:
DB 1 UCUUUGUCUUUG 13

RESULT 164
US-10-060-756A-4345/c
; Sequence 4345, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 4345
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4345

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGCTCTTGCTT 926
|||||:|:|:|:|:|:
|||:|:|:|:|:|:

```
Db      13 TTGGTCTTTGACT 1
Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 165
US-10-307-005-583
; Sequence 583, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 583
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Lycopersicon esculentum
US-10-307-005-583

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      939 CTTTCATTGGTTA 951
        ||||| |||||
Db      3 CTTTCATTAGTTA 15

RESULT 166
US-10-307-005-584/c
; Sequence 584, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 584
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Lycopersicon esculentum
US-10-307-005-584
```

```
Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      939 CTTTCATTGGTTA 951
        ||||| |||||
Db      15 CTTTCATTAGTTA 3

RESULT 167
US-10-669-841-210
; Sequence 210, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,976
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 210
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-210

Query Match      15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

Qy      907 ATTTCTTTGGTC 919
        |:::|:::|:|
Db      5 AUUUUCUUUUGUC 17

RESULT 168
US-10-669-841-215
; Sequence 215, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
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; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/0420S (MEHB02-249-B)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 215
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-215

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 30.8%; Pred. No. 1.2e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTGG 923
DB 1 UCUUUUGUCUUG 13

RESULT 169
US-09-866-108-7083/c
; Sequence 7083, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7083

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATGGTT 949
DB 17 CTCCTCTCTCTGGCT 2

RESULT 170
US-09-866-108-7084/c
; Sequence 7084, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15/52
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 7084
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7084

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      934 CTCCTCTTCATGGTT 949
Db      16 CTCCTCTCTGGT 1

RESULT 171
US-09-814-786-47
; Sequence 47, Application US/09814786
; Patent No. US20020100072A1
; GENERAL INFORMATION:
; APPLICANT: KIKUCHI, Yasuhiro
; KIKUCHI, Yasuhiro
; SHIMADA, Yukihisa
; OHYASHI, Masaya
; SHIMADA, Ratsuko
; OKINAKA, Yasushi
; TITLE OF INVENTION: NOVEL PLANT GENES
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112-3801
; MEDIUM TYPE: Diskette - 3.50 inch, 720 Kb storage.
; COMPUTER: IBM PS/V
; OPERATING SYSTEM: MS-DOS Ver3.30
; SOFTWARE: PATENT AID Ver1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,786
; FILING DATE: 23-Mar-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/616,990
; FILING DATE: 14-Jul-2000
; APPLICATION NUMBER: JP44963/92
; FILING DATE: 02-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-218-2100
; TELEFAX: 212-218-2200
; INFORMATION FOR SEQ ID NO: 47 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Synthetic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 47
US-09-814-786-47

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      900 CTTGGTCATTCTCTTG 916
Db      1 CCGGGCATATCTCTCG 17

RESULT 172
US-09-827-998-621/c
; Sequence 621, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 621
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-621

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      922 TGCCTTTTATCGCTCC 937
Db      17 TGGCTTCTATCGCTCC 2

RESULT 173
US-09-827-998-622/c
; Sequence 622, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 622
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-622

Query Match      15.3%; Score 11.2; DB 1; Length 17;
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Best Local Similarity 81.2%; Pred. No. 1.3e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3;

QY 922 TGCCCTTTTATCCCTCC 937
    ||| ||| ||| |||
Db 16 TGGCTTCTATGCTCC 1

RESULT 174
US-09-877-478-120
; Sequence 120, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-120

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
    ||| ||| |||
Db 2 UAUGCUCUACUUCUU 17

RESULT 175
US-09-877-478-814
; Sequence 814, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-120

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
    ||| ||| |||
Db 2 UAUGCUCUACUUCUU 17

RESULT 176
US-09-877-478-1871
; Sequence 1871, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1871
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1871

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
    ||| ||| |||
Db 1 UAUGCUCUACUUCUU 16

RESULT 176
US-09-877-478-1871
; Sequence 1871, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1871
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1871

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
    ||| ||| |||
Db 1 UAUGCUCUACUUCUU 16
```



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Db      1 UAUGCCUUAUUCUU 16

RESULT 177
US-09-848-754A-2568/c
; Sequence 2568, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2568
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2568

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      913 TTGGTCTTGCCTTT 928
        ||||| |||||
Db      17 TTGGTGGCTGCTTT 2

RESULT 178
US-09-776-474-562
; Sequence 562, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzyme
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY      900 CCGGTCATTTCCTT 915
        ||||| |||||
Db      2 CCUGAUAUUGCUU 17

RESULT 179
US-09-780-164-273
; Sequence 273, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 273
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-273

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 1.3e+02;
Matches 3; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY      907 ATTTCCTTGGTCTTT 922
        ||||| |||||
Db      2 AUUUUUUUUGUAU 17

RESULT 180
US-09-780-164-274
; Sequence 274, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 274
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-274

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 18.8%; Pred. No. 1.3e+02;
Matches 3; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY      907 ATTTCCTTGGTCTTT 922
        ||||| |||||
Db      1 AUUUUUUUUGUAU 16

RESULT 181
US-09-780-164-836
; Sequence 836, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 836
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-836

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 939 CTTTCATGCTTTTATG 954
DB 2 CAUCAUUGUUUAAGG 17

RESULT 182
US-09-740-332-339
; Sequence 339, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 339
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-339

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCTTTGCTTTTAT 931
DB 2 GGGCCUUGCCUUAU 17

RESULT 183
US-09-740-332-340
; Sequence 340, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 340
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-340

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTTATCC 934
DB 1 CCUUGCCUUAUUAUCC 16

RESULT 184
US-09-740-332-512/c
; Sequence 512, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 512
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-512

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 TTAATGTATCGCTACC 964
DB 17 TTAAGGTGTCGTACC 2

RESULT 185
US-09-740-332-717/c
; Sequence 717, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-717

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 TAAATGTATCGCTACCA 965
DB 16 TAAAGGTATTCGAACCA 1

RESULT 186
US-09-740-332-2083
; Sequence 2083, Application US/09740332
```

; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2083
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2083

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTCCTT 915
Db 2 CCUGGUCUAUCUGU 17

RESULT 187

US-09-740-332-3655
; Sequence 3655, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3655
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3655

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTTCATTGGT 948
Db 1 CCUGGUCUAUCUGU 16

RESULT 188

US-09-740-332-4043
; Sequence 4043, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4043
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4043

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 949 TTAATGTATCGTACC 964
Db 2 UUAAGGUGCGUACC 17

RESULT 189

US-09-740-332-4216/c
; Sequence 4216, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4216
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4216

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCTTGGCCTTTAT 931
Db 17 GGGCCTTGGCTATTAT 2

RESULT 190

US-09-817-879-339
; Sequence 339, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MEB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 339
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate

Query Match	Best Local Similarity	Score	DB 1	Length	Indels	Mismatches	Gaps
Query Match	15.3%	Score 11.2; DB 1; Length 17;					
Best Local Similarity	43.8%	Pred. No. 1.3e+02;					
Matches	7; Conservative	6; Mismatches	3; Indels	0; Gaps	0;		
Qy	916 GGTCCTTGGCTTTTAT 931						
Db	2 GGCCCUUGCCUAUUAU 17						
RESULT 191							
US-09-817-879-340							
Sequence 340, Application US/09817879							
Publication No. US20030171311A1							
GENERAL INFORMATION:							
APPLICANT: Ribozyme Pharmaceuticals Inc.							
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection							
FILE REFERENCE: MEHB00-801-F							
CURRENT APPLICATION NUMBER: US/09/817,879							
CURRENT FILING DATE: 2001-03-26							
NUMBER OF SEQ ID NOS: 9703							
SOFTWARE: PatentIn version 3.0							
SEQ ID NO 340							
LENGTH: 17							
TYPE: RNA							
ORGANISM: artificial sequence							
FEATURE:							
NAME/KEY: misc_feature							
LOCATION:							
OTHER INFORMATION: oligonucleotide substrate							
US-09-817-879-340							
Query Match	15.3%	Score 11.2; DB 1; Length 17;					
Best Local Similarity	43.8%	Pred. No. 1.3e+02;					
Matches	7; Conservative	6; Mismatches	3; Indels	0; Gaps	0;		
Qy	919 CTTTGGCTTTTATCC 934						
Db	1 CCUUGCCUAUUAUCC 16						
RESULT 192							
US-09-817-879-512/c							
Sequence 512, Application US/09817879							
Publication No. US20030171311A1							
GENERAL INFORMATION:							
APPLICANT: Ribozyme Pharmaceuticals Inc.							
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection							
FILE REFERENCE: MEHB00-801-F							
CURRENT APPLICATION NUMBER: US/09/817,879							
CURRENT FILING DATE: 2001-03-26							
NUMBER OF SEQ ID NOS: 9703							
SOFTWARE: PatentIn version 3.0							
SEQ ID NO 512							
LENGTH: 17							
TYPE: RNA							
ORGANISM: artificial sequence							
FEATURE:							
NAME/KEY: misc_feature							
LOCATION:							
OTHER INFORMATION: oligonucleotide substrate							
US-09-817-879-512							
Query Match	15.3%	Score 11.2; DB 1; Length 17;					
Best Local Similarity	81.2%	Pred. No. 1.3e+02;					
Matches	13; Conservative	0; Mismatches	3; Indels	0; Gaps	0;		
Qy	949 TTAATGTCGCTTACC 964						
Db	17 TTAAGGTGTCGTTACC 2						

; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3655
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3655

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGGT 948
DB 1 CCUGGUCUACAUUGGU 16

RESULT 196

US-09-817-879-4043
; Sequence 4043, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4043
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4043

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.8%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 949 TTAATGTATCGCTACC 964
DB 2 UUAAGGUGUGUACC 17

RESULT 197

US-09-817-879-4216/c
; Sequence 4216, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4216
; LENGTH: 17
; TYPE: RNA

; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4216

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGTCCTTCCTTTAT 931
DB 17 GGGCCTTCCTATTAT 2

RESULT 198

US-10-342-902-120
; Sequence 120, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-120

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCAT 944
DB 2 UAUGCCUACUUCUU 17

RESULT 199

US-10-342-902-814
; Sequence 814, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)

```

; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 814
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-814

```

```
Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels
```

Qy 929 TATCCCTCCTCTTCAT 944
:|:|:|:|:|:|:
Db 1 UAUGCCUCAUCUUCUU 16

RESULT 200

```

US-10-342-902-1871
; Sequence 1871, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for
; FILE REFERENCE: 400/075 (WBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6582
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1871
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1871

```

```
Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels
```

QY 929 TATCCCTCCTCTTCAT 944
DB 1 :|:|:|:|:|:
1 UAUGCCUCAUCUUCUU 16

RESULT 201

```

US-10-675-685-621/C
; Sequence 621, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 621
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-621

```

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels

Qy 922 TGCCTTTATCCCTCC 937
pb 17 TGGCTTCTATGCCTCC 2

RESULT 202

```

US-10-675-685-622/C
; Publication 622, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aesmica Sequence Listing Engine
; SEQ ID NO 622
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-622

```

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels

Qy 922 TGCCTTTATCCCTCC 937
||| ||| ||| ||| |||
Db 16 TGGCTTCTATGCCTCC 1

RESULT 203
US-09-927-046-220
; Sequence 220, Application US/09927046
; Publication No. US20030064946A1

GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 220
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-220

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCTCTCTCTTCATTG 946
Db 1 UCCACCCUUCUCAUG 16

RESULT 204
US-09-927-046-654/c
; Sequence 654, Application US/09927046
; Publication No. US20030084946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 654
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-654

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 939 CTTTCATTGTTTAAATG 954
Db 16 CTTTATTGTTGAATG 1

RESULT 205
US-09-927-046-789
; Sequence 789, Application US/09927046
; Publication No. US20030084946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim

; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-789

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTTCATT 945
Db 2 AUCCACCCUUCUCAU 17

RESULT 206
US-10-060-756A-4082
; Sequence 4082, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aescima Sequence Listing Engine
; SEQ ID NO 4082
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4082

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTT 950
Db 2 TCCTATGCATTTGTTT 17

RESULT 207
US-10-060-756A-4083
; Sequence 4083, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:

; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; ORGANISM: Homo sapiens
US-10-060-895A-528
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4083

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATGTTT 950
Db 1 TCCTATGCAATTTGTTT 16

RESULT 208
US-10-060-895A-528
; Sequence 528, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 528

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-528

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCTCTTCAT 944
Db 2 TATCCATCATATTCAT 17

RESULT 209
US-10-060-895A-529
; Sequence 529, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 529
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-529

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCTCTTCAT 944
Db 1 TATCCATCATATTCAT 16

RESULT 210
US-10-060-998-486
; Sequence 486, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30


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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-486

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 TCCTTCATGTTT 950
Db 2 TCCTTCATGTTT 17

RESULT 211
US-10-060-998-488
; Sequence 488, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 488
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-488

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 936 CCTTCATGTTTA 951
Db 1 CTTCATGTTT 16

RESULT 212
US-10-060-998-489
; Sequence 489, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056

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; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 489
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-489

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCCTTCATGTTTAA 953
Db 2 TCCTTCATGTTTAA 17

RESULT 213
US-10-060-998-491
; Sequence 491, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 491
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-491

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 939 CTTCATGTTTAA 954
Db 1 CTTCATGTTTAA 16

RESULT 214
US-10-060-998-612
; Sequence 612, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 612
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-612

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; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1552
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1552

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATGCG 960
DB 17 TGGGCTCATGATGCG 2

RESULT 220
US-10-156-306-1601/c
; Sequence 1601, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1601
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1601

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 TTTCCTTGGCTTTTC 924
DB 17 TTTCCTGGGCTTTTC 2

RESULT 221
US-10-238-700-455/c
; Sequence 455, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 455
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-455

Query Match 15.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 937 CTCCTTCATTGGTTAA 952
DB 16 CACTTCATTGTTAAA 1

RESULT 222
US-10-307-005-1291/c
; Sequence 1291, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1291
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-307-005-1291

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGGTCTTT 922
DB 17 ACTTTCTATGGGCTTT 2

RESULT 223
US-10-307-005-1292
; Sequence 1292, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 1292
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-307-005-1292

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGCTTT 922
DB 1 AGTTCTATGGCTTT 16

RESULT 224

US-10-674-119/c
; Sequence 119, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 119
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-119

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 TTTCTTGGCTTTGC 924
DB 17 TTTCTTGTACGTTGC 2

RESULT 225

US-10-674-1398
; Sequence 1398, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1398
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1398

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGCTTT 922
DB 2 AAUUCUCUCUCUCUU 17

RESULT 226

US-10-138-674-5149/c
; Sequence 5149, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5149
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-5149

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 914 TTGCTTTTGGCTTT 929
DB 17 TTGCTTTTGGCTTT 2

RESULT 227

US-10-138-674-8358
; Sequence 8358, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8358
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8358

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTCTTGGCTTTG 923
DB 1 AAUUCUCUCUCUCUU 16

RESULT 228

US-10-676-154-595
; Sequence 595, Application US/10676154

Publication No. US20040081996A1
GENERAL INFORMATION:
APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related to
FILE REFERENCE: M0656/7045(HCL/WAT)
CURRENT APPLICATION NUMBER: US/10/676,154
CURRENT FILING DATE: 2003-09-29
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 595
LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
US-10-676-154-595

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 922 TGCCTTTTATCCCTCC 937
Db 2 TGCCTTTTATCTGCC 17

RESULT 229
US-10-287-949A-119/c
Sequence 119, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 119
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-119

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 909 TTTCTTTTGCTTTGC 924
Db 17 TTTCTTTGTAGTTGC 2

RESULT 230
US-10-287-949A-1398
Sequence 1398, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1398
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-1398

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

Qy 907 ATTTCTTTTGCTTTT 922
Db 2 AUAUUCUCUGCUCUUU 17

RESULT 231
US-10-287-949A-5149/c
Sequence 5149, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5149
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-5149

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 914 TTGCTTTTGCTTTT 929
Db 17 TTGCTTTTGCTTTT 2

RESULT 232
US-10-287-949A-8358
Sequence 8358, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8358


```

, PRIORITY APPLICATION NUMBER: US 60/363,124
, PRIOR FILING DATE: 2002-03-11
, PRIOR APPLICATION NUMBER: US 09/817,879
, PRIOR FILING DATE: 2001-03-26
, PRIOR APPLICATION NUMBER: US 09/740,332
, PRIOR FILING DATE: 2000-12-18
, PRIOR APPLICATION NUMBER: US 09/611,931
, PRIOR FILING DATE: 2000-07-07
, PRIOR APPLICATION NUMBER: US 09/504,321
, PRIOR FILING DATE: 2000-02-15
, Remaining Prior Application data removed - See File Wrapper or PALM.
, NUMBER OF SEQ ID NOS: 16207
, SOFTWARE: PatentIn version 3.0
, SEQ ID NO 2933
, LENGTH: 17
, TYPE: RNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
, FEATURE:
, NAME/KEY: misc_feature
, LOCATION:
, OTHER INFORMATION: oligonucleotide substrate
, US-10-669-841-2933

```

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels

Qy 919 CTTTGCCCTTTTATCCC 934
| : | | : : |
db 1 CCUUGCCCAUUUAUCC 16

RESULT 239

US-10-569-841-3105/c
Sequence 3105, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: James, MCSwiggan
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Patrice, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPADNAE VIRUS
FILE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MBHH02-249-E)
CURRENT APPLICATION NUMBER: US/10/569,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15

```

; Remaining Prior Application data removed - See File Wrapper or PALM.
;
; NUMBER OF SEQ ID NOS: 16207
;
; SOFTWARE: PatentIn version 3.0
;
; SEQ ID NO 3105
;
; LENGTH: 17
;
; TYPE: RNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
;
; FEATURE:
;
; NAME/KEY: misc_feature
;
; LOCATION:
;
; OTHER INFORMATION: oligonucleotide substrate
;
; US-10-669-841-3105

```

```

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.3%; Pred. NO. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      949  TTAATGATATCGTACC 964
          ||||| ||||| |||||
Db      17    TTAAGGTGTCGTACC 2

```

RESULT 240
US-10-669-841-3310/c
Sequence 3310, Application US/10659841
Publication No. US2004012746A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Patrice, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAV
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MEHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3310
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
FEATURE:

; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-3310

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 TAATGATCGCTACCA 965
||| ||||| |||||
Db 16 TAAGGTATTGCAACCA 1

RESULT 241

US-10-669-841-4676
; Sequence 4676, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MEH02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4676
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-4676

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTCTTT 915

Db 2 CCUGGUCGUACUGU 17
||:||||:|:|:|:|:

RESULT 242

US-10-669-841-6248
; Sequence 6248, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MEH02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6248
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-6248

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTCTTTCATTGGT 948
||:|:|:|:|:|:|:
Db 1 CCUGGUCUACUUGSU 16

RESULT 243

US-10-669-841-6636
; Sequence 6636, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7083
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7083

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGGTT 949
DB 17 CTCCTCTTCATTGGCT 2

RESULT 246
US-10-723-361-7084/c
; Sequence 7084, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7084
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7084

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGGTT 949
DB 16 CTCCTCTTCATTGGCT 1

RESULT 247
US-09-365-029-72
; Sequence 72, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-72

Query Match 15.1%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 909 TTCTTTGGTC 919
DB 2 TTCTTTGGTC 12

RESULT 248
US-10-044-674-46/c
; Sequence 46, Application US/10044674
; Publication No. US20030175710A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Bieglecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B MMH-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-044-674-46

Query Match 15.1%; Score 11; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```
QY 906 CATTTCCTTCGT 918
DB 15 CRTTACTTCGT 3

RESULT 249
US-09-294-121A-34
; Sequence 34, Application US/09294121A
; Patent No. US20020069422A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/294,121A
; FILING DATE: 18-JUL-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/256,568
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: PCT/EP93/03325
; FILING DATE: 26-NOV-1993
; APPLICATION NUMBER: EP/93/402,129.6
; FILING DATE: 31-AUG-1993
; APPLICATION NUMBER: EP/92/403,222.0
; FILING DATE: 27-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 410.004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-294-121A-34

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 900 CCTGTCATTT 910
DB 3 CCTGTCATTT 13

RESULT 251
US-09-899-302-34
; Sequence 34, Application US/09899302
; Patent No. US20020168626A1
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
; APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
; TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
; TITLE OF INVENTION: ISOLATES
; NUMBER OF SEQUENCES: 97
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN & MUSERLIAN
```

STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,302
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-899-302-34

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATT 910
||| |||||
Db 3 CCTGGTCATT 13

RESULT 252
US-09-899-044-34
Sequence 34, Application US/09899044
Publication No. US20030036053A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
ISOLATES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/378,900
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-899-044-34

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATT 910
||| |||||
Db 3 CCTGGTCATT 13

RESULT 253
US-10-376-770-125
Sequence 125, Application US/10376770
Publication No. US20040106102A1
GENERAL INFORMATION:
APPLICANT: Dhallan, Ravinder S.
TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME
FILE REFERENCE: 54312000320
CURRENT APPLICATION NUMBER: US/10/376,770
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 10/093,618
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/360,232
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 60/378,354
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 262
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 125
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 6
OTHER INFORMATION: This nucleotide may be absent
US-10-376-770-125

Query Match 15.1%; Score 11; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 1.3e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0;

QY 934 CTCCTCTTCAT 944
Db 3 CTCCTCTTCAT 13

RESULT 254

US-10-661-165-125
; Sequence 125, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; FILE OF INVENTION: DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 6
; OTHER INFORMATION: This nucleotide may be absent

US-10-661-165-125

Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTCAT 944
Db 3 CTCCTCTTCAT 13

RESULT 255

US-10-461-790-133/c
; Sequence 133, Application US/104611790
; Publication No. US2004002911A1
; GENERAL INFORMATION:
; APPLICANT: Linhen, Jeffery M.
; APPLICANT: Kolk, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-Ioy, Mary
; TITLE OF INVENTION: Compositions and Methods for Detecting
; FILE OF INVENTION: Hepatitis B Virus
; FILE REFERENCE: GPl34-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 133
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)-(14)
; OTHER INFORMATION: 2'-OME nucleotide analogs
US-10-461-790-133

Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCTCTCTTC 942
Db 14 TATCCTCTCTTC 1

RESULT 256

US-09-771-933-173/c
; Sequence 173, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; FILE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 173
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe

US-09-771-933-173

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCTTG 923
Db 14 TTCTTTGGTCTTG 1

RESULT 257

US-09-877-478-6005
; Sequence 6005, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24

RESULT 259

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6031
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6031

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTC 942
Db 2 UAUGCCUACUUC 15

RESULT 261

US-10-128-560-219
; Sequence 219, Application US/10128560
; Publication No. US20030134272A1

; GENERAL INFORMATION:
; APPLICANT: Universiteit Gent
; TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
; FILE REFERENCE: UG-005-PCT
; CURRENT APPLICATION NUMBER: US/10/128,560
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: EP 99870216.1
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: EP 00870122.9
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: UG 60/211,929
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 219
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-128-560-219

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 GTCATTTCTCTTGG 917
Db 1 GTCATTTCTCTTGG 14

RESULT 262

US-10-044-674-44
; Sequence 44, Application US/10044674
; Publication No. US20030175710A1

; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Bieglecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B.MW-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-044-674-44

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTGCTTTTATC 932
Db 2 CTTGCTTTTATC 15

RESULT 263

US-10-440-850-290
; Sequence 290, Application US/10440850
; Publication No. US20030207837A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MEH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 290
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-290

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGCTTTAATGTA 956
Db 1 AUUGCUUAUGUA 14

RESULT 264

US-10-176-972A-68
; Sequence 68, Application US/10176972A
; Publication No. US20030235822A1

; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Gall, Alexander A.
; APPLICANT: Lohkov, Sergey G.
; APPLICANT: Afonina, Irina A.
; APPLICANT: Singer, Michael J.
; APPLICANT: Kutvavin, Igor V.
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Systems and Methods for Predicting Oligonucleotide Melting
; FILE REFERENCE: 17682A-003640US
; CURRENT APPLICATION NUMBER: US/10/176,972A
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 09/054,830
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/054,832
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/431,385
; PRIOR FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: US 09/640,953

; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/724,959
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/796,988
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 68
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe sequence
US-10-176-972A-68

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATGGTGAAT 953
Db 2 TTCATGGTGAAT 15

RESULT 265
US-10-669-841-2408
; Sequence 2408, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/04208 (MBHB02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2408
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2408

Query Match 14.8%; Score 10.8; DB 1; Length 15;

Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
QY 929 TATCCCTCTCTTC 942
Db 1 UAUGCCUCAUUC 14

RESULT 266
US-10-669-841-2434
; Sequence 2434, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/04208 (MBHB02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2434
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2434

Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.3e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTC 942
Db 2 UAUGCCUCAUUC 15

RESULT 267
US-10-461-790-132/c
; Sequence 132, Application US/10461790
; Publication No. US20040029111A1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolck, Daniel P.
; APPLICANT: Dockter, Janel M.

; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-Loy, Marcy
; APPLICANT: Stringfellow, Leslie A.
; TITLE OF INVENTION: Compositions and Methods for Detecting
; TITLE OF INVENTION: Hepatitis B Virus
; FILE REFERENCE: GPI34-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 132
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(16)
; OTHER INFORMATION: 2'-OME nucleotide analogs
US-10-461-790-132

Query Match 14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTC 942
| | | | | | | | | | | | | | | |
Db 14 TATGCCCTCATCTC 1

RESULT 268
US-10-351-934A-4
; Sequence 4, Application US/10351934A
; Publication No. US20030170705A1
; GENERAL INFORMATION:
; APPLICANT: Boreal Plant Breeding Ltd
; TITLE OF INVENTION: Method and Test Kit for Demonstrating Genetic Identity
; FILE REFERENCE: A1435PUS
; CURRENT APPLICATION NUMBER: US/10/351,934A
; CURRENT FILING DATE: 2003-04-17
; PRIOR APPLICATION NUMBER: FI 20020176
; PRIOR FILING DATE: 2002-01-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: right flanking (FR) sequence of Hbr7
US-10-351-934A-4

Query Match 14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 TCATTTCTTTGGT 918
| | | | | | | | | | | | | | | |
Db 3 TCCTTTGCTTTGGT 16

RESULT 269
US-10-117-108A-18/c
; Sequence 18, Application US/10117108A
; Publication No. US20030082571A1
; GENERAL INFORMATION:
; APPLICANT: KACHAB, Edward H.
; APPLICANT: BARNETT, Graeme R.
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A

; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(6)
; OTHER INFORMATION: The monomer aaaggc may be repeated from 2-20 times
US-10-117-108A-18

Query Match 14.2%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GCTTTGGCTTT 928
| | | | | | | | | | | | | | | |
Db 12 GCCTTGGCTTT 1

RESULT 270
US-10-717-897-74
; Sequence 74, Application US/10717897
; Publication No. US20040163146A1
; GENERAL INFORMATION:
; APPLICANT: PHILLIPS, JONATHAN
; APPLICANT: PUTHIGAE, SATHISH
; APPLICANT: YAO, JIALONG
; APPLICANT: FLINN, BARRY
; APPLICANT: FORSTER, RICHARD S.
; APPLICANT: EAGLETON, CLARE
; TITLE OF INVENTION: VASCULAR-PREFERRED PROMOTERS
; FILE REFERENCE: 04463-0264
; CURRENT APPLICATION NUMBER: US/10/717,897
; CURRENT FILING DATE: 2003-11-21
; PRIOR APPLICATION NUMBER: 60/428,287
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 74
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: nucleotide motif sequence
US-10-717-897-74

Query Match 14.2%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 929 TATCCCTCTCT 940
| | | | | | | | | | | | | | | |
Db 1 TCTCCCTCTCT 12

RESULT 271
US-08-726-093-8/c
; Sequence 8, Application US/08726093
; Publication No. US20020012902A1
; GENERAL INFORMATION:
; APPLICANT: FUCHS, Martin
; APPLICANT: EGHOLM, Michael
; APPLICANT: O'KEEFE, Heather
; APPLICANT: YOA, Xian-wei
; TITLE OF INVENTION: METHODS AND KITS FOR HYBRIDIZATION

; TITLE OF INVENTION: ANALYSIS USING PEPTIDE NUCLEIC ACID PROBES
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Administrator, Testa Hurwitz &
; ADDRESSEE: Thibault, LLP
; STREET: 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/726,093
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: TURANO, THOMAS A.
; REGISTRATION NUMBER: 35,722
; REFERENCE/DOCKET NUMBER: SYP-116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "fluorescein labeled peptide"
; ;
; US-08-726-093-8

Query Match 14.2%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTTT 922
Db 12 TCTTTGGTGT 1

RESULT 272
US-09-504-231A-1011
; Sequence 1011, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1011
; LENGTH: 15

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1011

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 1.5e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 932 CCCTCCTCTTCA 943
Db 4 CCCUCCUGUUA 15

RESULT 273
US-09-274-553D-1011
; Sequence 1011, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1011
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1011

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 58.3%; Pred. No. 1.5e+02;
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 932 CCCTCCTCTTCA 943
Db 4 CCCUCCUGUUA 15

RESULT 274
US-10-196-113-2/c
; Sequence 2, Application US/10196113
; Publication No. US2003009973A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Eugenia
; APPLICANT: Hall, William Christopher
; APPLICANT: Zhao, XueChun
; TITLE OF INVENTION: E-GENECHIP ONLINE WEB SERVICE FOR DATA MINING BIOINFORMATICS
; FILE REFERENCE: UNLV 1013
; CURRENT APPLICATION NUMBER: US/10/196,113
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 60/306,234
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 15

QY : TYPE: DNA
 : ORGANISM: Homo sapiens
 US-10-196-113-2

Query Match 14.2%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 1.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGTCATTTT 911
 Db 13 CCTGTCATTTT 2

RESULT 275

US-10-197-019-40
 ; Sequence 40, Application US/10197019
 ; Publication No. US20030207284A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Chew, Anne
 ; APPLICANT: Denton, R. Rex
 ; APPLICANT: Gilson, Christopher Raleigh
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Parks, Katie E.
 ; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
 ; FILE REFERENCE: MWH-0042US
 ; CURRENT FILING DATE: 2002-07-16
 ; PRIOR APPLICATION NUMBER: PCT/US01/02485
 ; FILING DATE: 2001-01-25
 ; NUMBER OF SEQ ID NOS: 116
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 40
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-197-019-40

Query Match 14.2%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 78.6%; Pred. No. 1.5e+02;
 Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCCTTGCTTTTA 930
 Db 1 GTCGTGCTGCTTR 14

RESULT 276

US-10-138-674-4114
 ; Sequence 4114, Application US/10138674
 ; Publication No. US20040077565A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH00-876-N (400/049)
 ; CURRENT FILING DATE: 2002-05-03
 ; NUMBER OF SEQ ID NOS: 20822
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4114
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-138-674-4114

Query Match 14.2%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 41.7%; Pred. No. 1.5e+02;
 Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCC 933
 Db 3 UUCUUUAUCC 14

RESULT 277

US-10-287-949A-4114
 ; Sequence 4114, Application US/10287949A
 ; Publication No. US20040102389A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH00-876-N (400/049)
 ; CURRENT FILING DATE: 2003-04-11
 ; NUMBER OF SEQ ID NOS: 20822
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4114
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-287-949A-4114

Query Match 14.2%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 41.7%; Pred. No. 1.5e+02;
 Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCC 933
 Db 3 UUCUUUAUCC 14

RESULT 278

US-09-820-531-2/c
 ; Sequence 2, Application US/09820531
 ; Patent No. US20020009736A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Eugenia
 ; TITLE OF INVENTION: Microarrays to Screen Regulatory Genes
 ; FILE REFERENCE: UNLV 1010
 ; CURRENT FILING DATE: 2001-03-29
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: primer
 US-09-820-531-2

Query Match 14.2%; Score 10.4; DB 1; Length 16;
 Best Local Similarity 91.7%; Pred. No. 1.6e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGCTCATTTT 911
 Db 14 CCTGCTCATTTT 3

RESULT 279

US-10-287-919-1127/c
 ; Sequence 1127, Application US/10287919
 ; Publication No. US20030085830A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Methanococcus jannaschii complete genome.

; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1127
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (506126)...(506141)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1378
US-10-287-919-1127

Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTCCTTTTAT 931
Db 15 TTTCCTTTTAT 4

RESULT 280

US-09-872-338-4/c
; Sequence 4, Application US/09872338
; Patent No. US20020061528A1
; GENERAL INFORMATION:
; APPLICANT: GARDNER, Timothy
; TITLE OF INVENTION: Multi-State Genetic Oscillator
; FILE REFERENCE: CEL-004
; CURRENT APPLICATION NUMBER: US/09/872,338
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US99/28592
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/110,616
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ribosome Binding Site A
US-09-872-338-4

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCTCCT 938
Db 15 CATTTTTCTCCTCT 1

RESULT 281

US-09-916-230-9/c
; Sequence 9, Application US/09916230
; Patent No. US20020146422A1
; GENERAL INFORMATION:
; APPLICANT: Bachmann, Martin F.
; APPLICANT: Renner, Wolfgang A.
; TITLE OF INVENTION: Compositions for Inducing Self-Specific Anti-IgE
; TITLE OF INVENTION: Antibodies and Uses Thereof
; FILE REFERENCE: 1700.0140001
; CURRENT APPLICATION NUMBER: US/09/916,230
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: US 60/221,841
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-916-230-9

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCTCCT 938
Db 15 CGTTTTTACCTCCT 1

RESULT 282

US-09-848-616-13/c
; Sequence 13, Application US/09848616
; Publication No. US20030054010A1
; GENERAL INFORMATION:
; APPLICANT: Sebbel, Peter
; APPLICANT: Dunant, Nicolas
; APPLICANT: Bachmann, Martin
; APPLICANT: Tissot, Alain
; APPLICANT: Lechner, Franziska
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0180002
; CURRENT APPLICATION NUMBER: US/09/848,616
; CURRENT FILING DATE: 2001-05-05
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified ribosome
; OTHER INFORMATION: binding site
US-09-848-616-13

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCTCCT 938
Db 15 CGTTTTTACCTCCT 1

RESULT 283

US-09-877-478-6032
; Sequence 6032, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: MCSwigen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993

```
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6032
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6032

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      930 ATCCCTCTCTTCAT 944
Db      1 AUGCCUACUUCUU 15

RESULT 284
US-09-848-754A-9301/c
; Sequence 9301, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEHB00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9301
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9301

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      914 TTGGCTTTGCTTT 928
Db      15 TTGGTGGCTGCTTT 1

RESULT 285
US-09-872-868-4/c
; Sequence 4, Application US/09872868
; Publication No. US20030166191A1
; GENERAL INFORMATION:
; APPLICANT: GARDNER, Timothy
; TITLE OF INVENTION: Bistable Genetic Toggle Switch
; FILE REFERENCE: CEL-002
; CURRENT APPLICATION NUMBER: US/09/872,868
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: PCT/US99/28592
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/110,616
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Ribosome Binding Site A
US-09-872-868-4

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      924 CCTTTATCCCTCCT 938
Db      15 CATTTTTCCTCCT 1

RESULT 286
US-09-872-339-4/c
; Sequence 4, Application US/09872339
; Publication No. US20030166879A1
; GENERAL INFORMATION:
; APPLICANT: GARDNER, Timothy
; TITLE OF INVENTION: Adjustable Threshold Switch
; FILE REFERENCE: CEL-003
; CURRENT APPLICATION NUMBER: US/09/872,339
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US99/28592
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: US 60/110,616
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ribosome Binding Site A
US-09-872-339-4

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      924 CCTTTATCCCTCCT 938
Db      15 CATTTTTCCTCCT 1

RESULT 287
US-10-342-902-6032
; Sequence 6032, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MEHB00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
```

; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6032
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6032

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 930 ATCCCTCCTCTTCAT 944
|:|:|:|:|:|:|:
Db 1 AUGCCUACUUCUU 15

RESULT 288

US-10-287-919-1284/c
; Sequence 1284, Application US/10287919
; Publication No. US20030085830A1

; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1284
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (600669)...(600683)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1586
US-10-287-919-1284

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCTTCATGTTTAA 951
|||||||
Db 15 CTCTTCATAGTTAA 1

RESULT 289

US-10-287-919-1291
; Sequence 1291, Application US/10287919
; Publication No. US20030085830A1

; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1291
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (609094)...(609108)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1596
US-10-287-919-1291

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCTTCATGTTTAA 952

Db 1 TCTTCTTTGTAA 15
|||||

RESULT 290

US-10-287-919-2410
; Sequence 2410, Application US/10287919
; Publication No. US20030085830A1

; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2410
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1488950)...(1488964)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3088
US-10-287-919-2410

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCTTCATGTTTAA 952
|||||||
Db 1 TCTTCTTTGTAA 15

RESULT 291

US-10-050-902-13/c
; Sequence 13, Application US/10050902
; Publication No. US20030175290A1

; GENERAL INFORMATION:
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Tissot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Seibel, Peter
; APPLICANT: Piossek, Christine
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0190004
; CURRENT APPLICATION NUMBER: US/10/050,902
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/262,379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/288,549
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326,998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331,045
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified ribosome binding site
US-10-050-902-13

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCTCCT 938

Db 15 CGTTTTCCTCT 1

RESULT 292
US-10-050-898-13/c
; Sequence 13, Application US/10050898
; Publication No. US2003017571A1
; GENERAL INFORMATION:
; APPLICANT: Renner, Wolfgang A.
; APPLICANT: Bachmann, Martin
; APPLICANT: Tissot, Alain
; APPLICANT: Maurer, Patrick
; APPLICANT: Lechner, Franziska
; APPLICANT: Seibel, Peter
; APPLICANT: Piossek, Christine
; APPLICANT: Ortmann, Rainer
; APPLICANT: Luond, Rainer
; APPLICANT: Staufenbiel, Matthias
; APPLICANT: Frey, Peter
; TITLE OF INVENTION: Molecular Antigen Array
; FILE REFERENCE: 1700.0190005
; CURRENT APPLICATION NUMBER: US/10/050,898
; CURRENT FILING DATE: 2002-01-19
; PRIOR APPLICATION NUMBER: US 60/262,379
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/288,549
; PRIOR FILING DATE: 2001-05-04
; PRIOR APPLICATION NUMBER: US 60/326,998
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/331,045
; PRIOR FILING DATE: 2001-11-07
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified ribosome binding site
US-10-050-898-13

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTATCCTCT 938
Db 15 CGTTTTCCTCT 1

RESULT 293
US-10-440-850-291
; Sequence 291, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (WBHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11

; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 291
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-291

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 944 TTGGTTTATGTATC 958
Db 1 UUUGCUAUAUGUAC 15

RESULT 294
US-10-255-120-58/c
; Sequence 58, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 58
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (104076)...(104091)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 92

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTGTCTTT 922
Db 15 TTTTCTTGTATTT 1

RESULT 295
US-10-255-120-293
; Sequence 293, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 293
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (464388)...(464401)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 444

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 901 CTGGTCATTTCTTT 915


```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 862
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-862

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 913 TTTGGTCTTT 922
DB 10 TTTGGTCTTT 1

RESULT 300
US-10-033-145-1038/c
; Sequence 1038, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GAO201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1038
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1038

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCCT 938
DB 10 TATCCCTCCT 1

RESULT 301
US-10-033-145-2027/c
; Sequence 2027, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GAO201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2027
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-2027

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 918 TCTTGCCTT 927
DB 10 TCTTGCCTT 1

RESULT 302
US-10-330-627-72
; Sequence 72, Application US/10330627
; Publication No. US2003017571A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-72

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 941 TCATTGGTTT 950
DB 1 TCATTGGTTT 10

RESULT 303
US-09-918-715-81
; Sequence 81, Application US/09918715
; Publication No. US20030017157A1
; GENERAL INFORMATION:
; APPLICANT: Brad St. Croix
; APPLICANT: Bert Vogelstein
; APPLICANT: Kenneth Kinzler
; TITLE OF INVENTION: ENDOTHELIAL CELL EXPRESSION PATTERNS
; FILE REFERENCE: 1107.00134
; CURRENT APPLICATION NUMBER: US/09/918,715
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/222,599
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: 60/224,360
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/282,850
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 81
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-715-81

Query Match      13.7%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 GTCATTTTCT 913
DB 1 GTCATTTTCT 10

RESULT 304
US-09-365-029-71
```

; Sequence 71, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-71

Query Match 13.7%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCCTTGGTCT 920
Db 1 TCCTTGGTCT 10
|||||

RESULT 305
US-10-461-790-130/c
; Sequence 130, Application US/10461790
; Publication No. US20040029111A1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolk, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-Loy, Marcy
; APPLICANT: Stringfellow, Leslie A.
; TITLE OF INVENTION: Compositions and Methods for Detecting
; FILE REFERENCE: Gp134-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(14)
; OTHER INFORMATION: 2'-OME nucleotide analogs
US-10-461-790-130

Query Match 13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCAT 944
Db 14 TCCTCTTCAT 5
|||||

RESULT 306
US-10-115-077-14
; Sequence 14, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-14

Query Match 13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCA 943
Db 1 CTCCTCTTCA 10
|||||

RESULT 307
US-10-115-077-59
; Sequence 59, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 59
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-59

```
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-59

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTCA 943
   |||||
Db 1 CTCCTCTTCA 10

RESULT 308
US-10-091-281-436/c
; Sequence 436, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091.281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 436
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative GKLF/GKLF.01 motif
US-10-091-281-436

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCCTCCTCTT 941
   |||||
Db 13 CCCTCCTCTT 4

RESULT 309
US-10-203-351-9/c
; Sequence 9, Application US/10203351
; Publication No. US20030208781A1
; GENERAL INFORMATION:
; APPLICANT: Sundaresan, Venkatesan
; APPLICANT: Sarojam, Rajani
; TITLE OF INVENTION: Dehiscence Gene and Methods for Regulating Dehiscence
; FILE REFERENCE: 2577-145
; CURRENT APPLICATION NUMBER: US/10/203.351
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: PCT/SG01/00017
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: PCT/SG00/00022
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-203-351-9

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
   |||||
Db 10 CCTCCTCTTC 1

; OTHER INFORMATION: Oligonucleotide
US-10-115-077-13

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
   |||||
Db 4 TTTTCTTTGG 13

RESULT 310
US-10-447-338-1
; Sequence 1, Application US/10447338
; Publication No. US20040009521A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Chan Sheng
; APPLICANT: Gao, Fei
; TITLE OF INVENTION: Methods of detecting DNA variation in sequence data
; FILE REFERENCE: P02-10
; CURRENT APPLICATION NUMBER: US/10/447.338
; CURRENT FILING DATE: 2003-05-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Human1
US-10-447-338-1

Query Match      13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
   |||||
Db 4 TTTTCTTTGG 13

RESULT 311
US-10-115-077-13
; Sequence 13, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115.077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-13

Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTCA 943
   |||||
Db 2 CTCCTCTTCA 11

RESULT 312
US-10-115-077-13
```

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US-10-115-077-50
; Sequence 50, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649, 0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-50

```

```
Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 934 CTCCTCTTCA 943
db 6 CTCCTCTTCA 15

```

RESULT 313
US-10-115-077-58
; Sequence 58, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/595,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 58
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-58

```

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels

Qy 934 CTCCTCTTCA 943
pb 2 CTCCTCTTCA 11

RESULT 314

```

US-10-203-780-5
; Sequence 5, Application US/10203780
; Publication NO. US20030165914A1
; GENERAL INFORMATION:
; APPLICANT: CUZIN, MARC
; APPLICANT: PELTIE, PHILIPPE
; APPLICANT: FONTECAVE, MARC
; APPLICANT: DECOUT, JEAN-LUC
; APPLICANT: DUEYMES, CECILE
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLOOR
; TITLE OF INVENTION: MARKER
; FILE REFERENCE: 226286US0XPCT
; CURRENT APPLICATION NUMBER: US/10/203,780
; CURRENT FILING DATE: 2002-11-25
; PRIOR APPLICATION NUMBER: PCT/FR01/00516
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: FR 00 02236
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)..(5)
; OTHER INFORMATION: c is methylated
; US-10-203-780-5

```

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels

Qy 908 TTTTCTTTGG 917
db 1 TTTTCTTTGG 10

RESULT 315

```

RES001 315
?
? Sequence 100, Application US/10400382
? Publication No. US20030190659A1
?
? GENERAL INFORMATION:
?
? APPLICANT: LaCasse, Eric
? APPLICANT: McManus, Daniel
? APPLICANT: Durkin, Jonathan P.
?
? TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and
?
? TITLE OF INVENTION: Uses Thereof
?
? FILE REFERENCE: 07891/025004
? CURRENT APPLICATION NUMBER: US/10/400,382
?
? CURRENT FILING DATE: 2003-03-27
?
? PRIOR APPLICATION NUMBER: US 60/367,853
?
? PRIOR FILING DATE: 2002-03-27
?
? NUMBER OF SEQ ID NOS: 460
?
? SOFTWARE: FastSeq for Windows Version 4.0
?
? SEQ ID NO 100
?
? LENGTH: 15
?
? TYPE: DNA
?
? ORGANISM: Artificial Sequence

```

; FEATURE:
; OTHER INFORMATION: based on Homo sapiens.
; OTHER INFORMATION: Each nucleobase may be part of a ribonucleotide,
; OTHER INFORMATION: deoxyribonucleotide, or nucleotide analog
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 3, 4, 5, 13
; OTHER INFORMATION: n = T or U
US-10-400-382-100

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 912 CTTGGTCTTGCC 925
|||
Db 15 CTNTGGCTTNNC 2

RESULT 316

US-10-440-850-927
; Sequence 927, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MEH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 927
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-927

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.8e+02;
Matches 5; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCCTTGCT 926
|:|:|:|:|:
Db 4 GUCUUUGCCU 13

RESULT 317

US-10-255-120-119/c
; Sequence 119, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 119
; LENGTH: 15
; TYPE: DNA

; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (213818)...(213832)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 186
US-10-255-120-119

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTG 916
|||||
Db 10 ATTTCCTTG 1

RESULT 318

US-10-255-120-817/c
; Sequence 817, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 817
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (1513440)...(1513454)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1240
US-10-255-120-817

Query Match 13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 907 ATTTCCTTG 916
|||||
Db 10 ATTTCCTTG 1

RESULT 319

US-09-877-478-6128
; Sequence 6128, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04

```

; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6128
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6128

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 38.5%; Pred. No. 1.7e+02;
Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCCTTTCCTTTT 929
Db 1 GJCUGUGCCUUCU 13

RESULT 320
US-09-510-378-29
; Sequence 29, Application US/09510378
; Publication No. US20030165823A1
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles Garrett
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P. A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
; Detecting Cystic Fibrosis
; NUMBER OF SEQUENCES: 250
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/510,378
; FILING DATE: 22-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/544,381
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/510,521
; FILING DATE: 02-AUG-1995
; APPLICATION NUMBER: PCT/US94/12305
; FILING DATE: 26-OCT-1994
; APPLICATION NUMBER: US 08/284,064
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-004130US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:

; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6128
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-510-378-29

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCCTT 927
Db 1 TGGTGTTTGCCCT 13

RESULT 321
US-09-798-260-87
; Sequence 87, Application US/09798260
; Publication No. US20030165830A1
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Miyada, Charles G.
; APPLICANT: Hubbell, Earl A.
; APPLICANT: Chee, Mark
; APPLICANT: Fodor, Stephen P. A.
; APPLICANT: Huang, Xiaohua C.
; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: ARRAYS OF NUCLEIC ACID PROBES FOR ANALYZING
; FILE OF INVENTION: BIOTRANSFORMATION GENES
; FILE REFERENCE: 018547-015720US
; CURRENT APPLICATION NUMBER: US/09/798,260
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US 08/778,794
; PRIOR FILING DATE: 1997-01-03
; PRIOR APPLICATION NUMBER: US 08/544,381
; PRIOR FILING DATE: 1995-10-10
; PRIOR APPLICATION NUMBER: US 08/510,521
; PRIOR FILING DATE: 1995-08-02
; PRIOR APPLICATION NUMBER: WO PCT/US94/12305
; PRIOR FILING DATE: 1994-10-26
; PRIOR APPLICATION NUMBER: US 08/284,064
; PRIOR FILING DATE: 1994-08-02
; PRIOR APPLICATION NUMBER: US 08/143,312
; PRIOR FILING DATE: 1993-10-26
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-798-260-87

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCCTT 927
Db 1 TGGTGTTTGCCCT 13

RESULT 322
US-10-342-902-6128
; Sequence 6128, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
```


; PRIOR APPLICATION NUMBER: US 60/423508
; PRIOR FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Hairpin Component
US-10-700-118-11

Query Match 13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 927 TTATCCCTCCTC 939
Db 1 TTCTTCCTCCTC 13

RESULT 326
US-10-146-058-29
; Sequence 29, Application US/10146058
; Publication No. US20030040499A1
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,058
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/535,249
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/PS6418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)

; ANTI-SENSE: YES
US-10-146-058-29
Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 928 TTATCCCTCCTCT 940
Db 2 TTATCCCTGCTGT 14

RESULT 327
US-10-376-770-179/c
; Sequence 179, Application US/10376770
; Publication No. US20040106102A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME
; FILE REFERENCE: 543312000320
; CURRENT APPLICATION NUMBER: US/10/376,770
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 262
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 4
; OTHER INFORMATION: This nucleotide may be absent
US-10-376-770-179

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 902 TGGTCATTTCTT 914
Db 14 TAGTCATCTCTT 2

RESULT 328
US-10-661-165-179/c
; Sequence 179, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 179
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 4
; OTHER INFORMATION: This nucleotide may be absent
US-10-661-165-179

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 902 TGGTCATTCTTCTT 914
| | | | | | | | | |
Db 14 TAGTCATCTTCTT 2

RESULT 329

US-09-916-808A-10/c
; Sequence 10, Application US/09916808A
; Patent No. US20020090621A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: Combinatorial probes and uses therefor
; FILE REFERENCE: 10338-2U1
; CURRENT APPLICATION NUMBER: US/09/916.808A
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: AU PQ9026/00
; PRIOR FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: AU PQ9483/00
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic polynucleotide
US-09-916-808A-10

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCC 934
| | | | | | | | | |
Db 13 TGCCTTTTATCCC 1

RESULT 330

US-09-916-808A-15/c
; Sequence 15, Application US/09916808A
; Patent No. US20020090621A1
; GENERAL INFORMATION:
; APPLICANT: Gibbs, Mark John
; APPLICANT: Gibbs, Adrian John
; APPLICANT: Brown, Roger William
; TITLE OF INVENTION: Combinatorial probes and uses therefor
; FILE REFERENCE: 10338-2U1
; CURRENT APPLICATION NUMBER: US/09/916.808A
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: AU PQ9026/00
; PRIOR FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: AU PQ9483/00
; PRIOR FILING DATE: 2000-08-17

; PRIOR APPLICATION NUMBER: US 60/226212
; PRIOR FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic polynucleotide
US-09-916-808A-15

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTTATCCC 934
| | | | | | | | | |
Db 13 TGCCTTTTATCCC 1

RESULT 331

US-09-864-785-3758/c
; Sequence 3758, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: 400/022 (MHB300-812-D)
; CURRENT APPLICATION NUMBER: US/09/864.785
; CURRENT FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3758
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-3758

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTCA 943
| | | | | | | | | |
Db 13 TCCCTCCTCTTCA 1

RESULT 332

US-09-877-478-6030
; Sequence 6030, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB300-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877.478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385

; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 6030
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-6030

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 38.5%; Pred. No. 1.9e+02;
 Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCTCTCTTT 941
 :||: ||: ||: ||:
 Db 3 UAUGCCUUCUUCU 15

RESULT 333
 US-09-877-478-6092
 ; Sequence 6092, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MHB00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 6092
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-6092

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 38.5%; Pred. No. 1.9e+02;
 Matches 5; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCTTTCCTTTT 929
 :||: ||: ||: ||:
 Db 2 GUCUGCCUUCU 14

RESULT 334
 US-09-792-818-2245
 ; Sequence 2245, Application US/09792818
 ; Publication No. US20030134806A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: Von Carlowitz, Ira
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Hamblin, Paul
 ; APPLICANT: Ellis, Jonathan
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insert

; TITLE OF INVENTION: (GRID) Gene
 ; FILE REFERENCE: MHB00-901-A (400/013)
 ; CURRENT APPLICATION NUMBER: US/09/792,818
 ; CURRENT FILING DATE: 2001-02-23
 ; NUMBER OF SEQ ID NOS: 2304
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2245
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-792-818-2245

Query Match 13.4%; Score 9.8; DB 1; Length 15;
 Best Local Similarity 46.2%; Pred. No. 1.9e+02;
 Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTTC 942
 :||: ||: ||: ||:
 Db 1 AUCUCUCUCUUC 13

RESULT 335
 US-09-510-378-114/c
 ; Sequence 114, Application US/09510378
 ; Publication No. US20030165823A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cronin, Maureen T.
 ; Miyada, Charles Garrett
 ; Hubbell, Earl A.
 ; Chee, Mark
 ; Fodor, Stephen P.A.
 ; Huang, Xiaohua C.
 ; Lipshutz, Robert J.
 ; Lobban, Peter E.
 ; Morris, Macdonald S.
 ; Sheldon, Edward L.
 ; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
 ; Detecting Cystic Fibrosis
 ; NUMBER OF SEQUENCES: 250
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, 8th Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/510,378
 ; FILING DATE: 22-Feb-2000
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/544,381
 ; FILING DATE: <Unknown>
 ; APPLICATION NUMBER: US 08/510,521

FILING DATE: 02-AUG-1995
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-OCT-1994
APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 114:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
SEQUENCE DESCRIPTION: SEQ ID NO: 114:
US-09-510-378-114

```
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
```

Qy	938	TCTTCATTGGTTT	950
Dy	14	TCATCATTGGTGT	2

```

RESULT 336
US-10-342-902-6030
/ Sequence 6030, Application US/10342902
/ Publication No. US20040054156A1
/ GENERAL INFORMATION:
/ APPLICANT: Sinna Therapeutics, Inc.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Morrissey, Dave
/ TITLE OF INVENTION: Method and Reagent
/ FILE REFERENCE: 400/075 (MBH90-845-1)
/ CURRENT APPLICATION NUMBER: US/10/342
/ CURRENT FILING DATE: 2003-01-15
/ PRIOR APPLICATION NUMBER: US 09/877,4
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 09/531,0
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 09/636,3
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,3
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,6
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 07/882,7
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/436,4
/ PRIOR FILING DATE: 1999-11-08
/ NUMBER OF SEQ ID NOS: 6592
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 6030
/ LENGTH: 15
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
US-10-342-902-6030

```

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.9e+02;
Matches 5; Conservative 6; Mismatches 2; Indels

Qy . 929 TATCCCTCCTCTT 941
:|:|:|:|:|:
Db 3 UAUGCCUCAUCU 15

RESULT 337
US-10-342-902-6092
; Sequence 6092, Application US/10342902
; Publication NO. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MEHQ00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6092
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6092

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.9e+02;
Matches 5: Conservative 6: Mismatches 2: Indels

Qy 917 GTCTTTGCCCTTT 929
 ||:|:|:|:|:|:
 Db 2 GUCUGUGCCUUCU 14

```

RESULT 338
US-10-001-048-4/c
; Sequence 4, Application US/10001048
; Publication No. US20020154610A1
; GENERAL INFORMATION:
; APPLICANT: Leggett, Carol G
; APPLICANT: Whitehouse, Elynn
; APPLICANT: Reeves, Robert H
; TITLE OF INVENTION: METHOD FOR TYPING A CELL
; FILE REFERENCES: 3303-3D1V
; CURRENT APPLICATION NUMBER: US/10/001,048
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; - OTHER INFORMATION: synthetic oligonucleotide
US-10-001-048-4

```

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Matches 3; conservative 6; mismatches 2; indels 0; gaps 0;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 904 GTCAATTTCTTTG 916
DB 13 GTCAATTCCTTTG 1

RESULT 339

US-10-001-344-4
; Sequence 4, Application US/10001344
; Publication No. US20020090633A1
; GENERAL INFORMATION:
; APPLICANT: BECKER, Michael M.
; APPLICANT: SCHROTH, Gary P.
; TITLE OF INVENTION: MOLECULAR TORCHES
; FILE REFERENCE: GP098-02.UT
; CURRENT APPLICATION NUMBER: US/10/001.344
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/346,551
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: nucleotide base recognition sequence substantially
; OTHER INFORMATION: complementary to SEQ ID No. US20020090633A1. 1 and 3
US-10-001-344-4

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCT 920
DB 2 TTTTCTTTGGTCT 14

RESULT 340

US-10-010-802-26/c
; Sequence 26, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: 4 Receptor Alpha Gene
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010.802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 26
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-26

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTTC 912
DB 15 CCGGTCGTTTTC 3

RESULT 341

US-10-287-919-103/c
; Sequence 103, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 103
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (11352)...(11366)
; OTHER INFORMATION: Chromosome = 1 Strand = positive
US-10-287-919-103

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTTCTTTGGTCT 921
DB 13 TTTTCTTTGGTCT 1

RESULT 342

US-10-287-919-524
; Sequence 524, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 524
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (140526)...(140540)
; OTHER INFORMATION: Chromosome = 1 Strand = negative
US-10-287-919-524

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 TCTTTCCTTTTA 930
DB 3 TCTTTCCTTTTA 15

RESULT 343

US-10-287-919-2149/c
; Sequence 2149, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
US-10-287-919-2149/c

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2149
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1295648)...(1295662)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2741
US-10-287-919-2149

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTCTTTGCTCTT 921
|||||

DB 13 TTCTTTGATTTT 1

RESULT 344

US-10-287-919-2202
Sequence 2202, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2202
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1361492)...(1361507)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2816
US-10-287-919-2202

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 CATTTCTTTGGT 918
|||||

DB 3 CAATTCTTTGAT 15

RESULT 345

US-10-287-919-2643
Sequence 2643, Application US/10287919
Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2643
LENGTH: 15
TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
FEATURE:
LOCATION: (1613349)...(1613363)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 3372
US-10-287-919-2643

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 TCTTTGCTTTTA 930
|||||

DB 3 TCTTTGCTTTTA 15

RESULT 346

US-10-352-355-4
Sequence 4, Application US/10352355
Publication No. US20030157542A1
GENERAL INFORMATION:
APPLICANT: BECKER, Michael M.
APPLICANT: SCHROTH, Gary P.
TITLE OF INVENTION: MOLECULAR TORCHES
FILE REFERENCE: GP098-02 UT
CURRENT APPLICATION NUMBER: US/10/352,355
CURRENT FILING DATE: 2003-01-27
PRIOR APPLICATION NUMBER: US/09/346,551B
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,616
PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-02
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: nucleotide base recognition sequence substantially
OTHER INFORMATION: complementary to SEQ ID NO. US20030157542A1. 1 and 3
US-10-352-355-4

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTTGCTCT 920
|||||

DB 2 TTTTCTTTGCTCT 14

RESULT 347

US-10-352-331-4
Sequence 4, Application US/10352331
Publication No. US20030165957A1
GENERAL INFORMATION:
APPLICANT: BECKER, Michael M.
APPLICANT: SCHROTH, Gary P.
TITLE OF INVENTION: MOLECULAR TORCHES
FILE REFERENCE: GP098-02 UT
CURRENT APPLICATION NUMBER: US/10/352,331
CURRENT FILING DATE: 2003-01-27
PRIOR APPLICATION NUMBER: US/09/346,551B
PRIOR FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,616
PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-02
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: nucleotide base recognition sequence substantially
OTHER INFORMATION: complementary to SEQ ID NO. US20030165957A1. 1 and 3
US-10-352-331-4

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGCT 920
|||||
Db 2 TTTTCTTTGGCT 14

RESULT 348

US-10-084-839-3764/c
; Sequence 3764, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3764
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3764

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 916 GGTCTTTGCCCTT 928
|||||
Db 14 GGCCTTTGCCCTCT 2

RESULT 349

US-10-197-019-39/c
; Sequence 39, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Deaton, R. Rex
; APPLICANT: Gilson, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019

; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-39

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 914 TTGGTCTTTGCCCT 926
|||||
Db 13 TGGGTCTTGCTCT 1

RESULT 350

US-10-440-850-746/c
; Sequence 746, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Rever
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 746
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-746

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 938 TCTTCATTCGTTT 950
|||||
Db 14 TCTTCTTAGGTTT 2

RESULT 351

US-10-440-850-757
; Sequence 757, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Rever
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19

```

/ PRIOR APPLICATION NUMBER: US/09/550,012
/ PRIOR FILING DATE: 2000-08-28
/ PRIOR APPLICATION NUMBER: US/08/585,684
/ PRIOR FILING DATE: 1996-01-12
/ PRIOR APPLICATION NUMBER: US/60/000,951
/ PRIOR FILING DATE: 1995-07-07
/ PRIOR APPLICATION NUMBER: US/09/038,073
/ PRIOR FILING DATE: 1998-03-11
/ NUMBER OF SEQ ID NOS: 2285
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 757
/ LENGTH: 15
/ TYPE: RNA
/ ORGANISM: Mus musculus
US-10-440-850-757

```

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 1.9e+02;
Matches 6; Conservative 5; Mismatches 2; Indels

Qy 934 CTCCTCTTCATTG 946
|:|:|:|:|:|:
Db 3 CUGCCUCAUCAUG 15

```
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11: Conservative 0; Mismatches 2; Indels
```

```

RESULT 353
US-10-138-674-4147
; Sequence 4147, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular Endothelial

```

```

; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4147
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4147

```

```

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 1.9e-02;
Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY      916  GGCTCTTTCCTTT 928
          |||::|||::
Db       3  GGUCUAUGCCA 15

```

```

RESULT 354
US-10-287-226-558
// Sequence 558, Application US/10287226
// Publication No. US2004008675A1
// GENERAL INFORMATION:
// APPLICANT: Agee, Michele L.,
// APPLICANT: Alsobrook, John P.,
// APPLICANT: Bergius, Constance,
// APPLICANT: Boldog, Ference,
// APPLICANT: Burgess, Catherine E.,
// APPLICANT: Chan, John S.,
// APPLICANT: Chaudhuri, Amitabha,
// APPLICANT: Dipippo, Vincent A.,
// APPLICANT: Edinger, Shlomit R.,
// APPLICANT: Eisen, Andrew,
// APPLICANT: Ellerman, Karen,
// APPLICANT: Gangolli, Esha A.,
// APPLICANT: Gorman, Linda,
// APPLICANT: Gerlach, Valerie,
// APPLICANT: Ji, Weizhen,
// APPLICANT: Kekuda, Ramesh,
// APPLICANT: Khrantsov, Nikolai,
// APPLICANT: Li, Li,
// APPLICANT: Malvankar, Uriel M.,
// APPLICANT: MacDougall, John R.,
// APPLICANT: Mezes, Peter S.,
// APPLICANT: Miller, Charles E.,
// APPLICANT: Millet, Isabelle,
// APPLICANT: Ooi, Chean Eng,
// APPLICANT: Ort, Tatiana,
// APPLICANT: Padigaru, Muralidhara,
// APPLICANT: Patturajan, Meera,
// APPLICANT: Rastelli, Luca,
// APPLICANT: Rieger, Daniel K.,
// APPLICANT: Rothenberg, Mark E.,
// APPLICANT: Shenoy, Suresh G.,
// APPLICANT: Spaderna, Steven K.,
// APPLICANT: Spytek, Kimberley A.,
// APPLICANT: Taupier, Jr., Raymond J.,
// APPLICANT: Vernet, Corine A.M.,
// APPLICANT: Zerhusen, Bryan D.,
// APPLICANT: Zhong, Mei
// TITLE OF INVENTION: NOVEL PROTEINS AND
// FILE REFERENCE: 21402-480C
// CURRENT APPLICATION NUMBER: US/10/287
// CURRENT FILING DATE: 2002-11-04
// PRIOR APPLICATION NUMBER: 60/334,421
// PRIOR FILING DATE: 2001-11-30
// PRIOR APPLICATION NUMBER: 60/354,392
// PRIOR FILING DATE: 2002-02-04
// PRIOR APPLICATION NUMBER: 60/360,148
// PRIOR FILING DATE: 2002-02-27
// PRIOR APPLICATION NUMBER: 60/364,000

```



```
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: 60/404,821
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/334,526
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/354,409
; PRIOR FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 60/364,227
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: 60/334,027
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: 60/331,641
; PRIOR FILING DATE: 2001-11-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 673
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 558
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-226-558
```

```
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      957 TCGCTACCAACGG 969
DB      2 TGGCTCCCAACGG 14
```

```
RESULT 355
US-10-255-120-37/c
; Sequence 37, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 37
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (65718)...(65731)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 63
US-10-255-120-37
```

```
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      910 TTCTTTGGTCTTT 922
DB      14 TTCTTTGATTTT 2
```

```
RESULT 356
US-10-255-120-116/c
; Sequence 116, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
```

```
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 116
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (206713)...(206728)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 180
US-10-255-120-116
```

```
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      910 TTCTTTGGTCTTT 922
DB      15 TTCTTTGATCTTT 3
```

```
RESULT 357
US-10-255-120-173/c
; Sequence 173, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 173
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (284755)...(284768)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 264
US-10-255-120-173
```

```
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      910 TTCTTTGGTCTTT 922
DB      14 TTCTTTGATTTT 2
```

```
RESULT 358
US-10-255-120-398/c
; Sequence 398, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 398
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (673652)...(673666)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 599
US-10-255-120-398
```

```
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
```

Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGGCT 926
||| ||||| ||
Db 14 TTGTTCTTTGTCT 2

RESULT 359

US-10-255-120-728/c
; Sequence 728, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255-120
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 728
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (1329223)...(1329237)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1109
US-10-255-120-728

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;

Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCTTT 922
||| ||||| |||||
Db 15 TTGTTGATCTTT 3

RESULT 360

US-10-255-120-834/c
; Sequence 834, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255-120
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 834
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (1543056)...(1543070)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1266
US-10-255-120-834

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 84.6%; Pred. No. 1.9e+02;

Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGGCT 926
||| ||||| |||||
Db 14 TTGTTCTTTGTCT 2

RESULT 361

US-10-287-949A-4147
; Sequence 4147, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4147
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4147

Query Match 13.4%; Score 9.8; DB 1; Length 15;

Best Local Similarity 46.2%; Pred. No. 1.9e+02;

Matches 6; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 916 GGTCTTGGCTTT 928
||| ||||| |||||
Db 3 GGCUAUGCCAUU 15

RESULT 362

US-10-669-841-2433
; Sequence 2433, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT
; FILE REFERENCE: 400/04203 (MEH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2433
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2433

```

; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155
; CURRENT FILING DATE: 1999-02-12
; EARLIER APPLICATION NUMBER: 60/074,737
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 60/097,937
; EARLIER FILING DATE: 1998-08-26
; EARLIER APPLICATION NUMBER: 60/102,051
; EARLIER FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 59
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155-59

Query Match          12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      924 CCTTTATCCC 934
      ||||| |||||
Db       1 CCTTTAATCCC 11

RESULT 365
US-09-942-310-55
; Sequence 55, Application US/09942310
; Publication NO. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaiasson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GG119.1US
; CURRENT APPLICATION NUMBER: US/09/942,310
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: GB 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 11
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-942-310-55

Query Match          12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      903 GGTGATTTTCT 913
      ||||| |||||
Db       1 GGTGATTTTCT 11

RESULT 366
US-09-942-310-62/c
; Sequence 62, Application US/09942310
; Publication NO. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaiasson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GG119.1US

```


; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-74

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 924 CCTTTTATCCC 934
||| |||||
Db 1 CCTGTTATCCC 11

RESULT 371
US-10-450-797-642
; Sequence 642, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 642
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-642

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 913 TTTGGTCTTTG 923
||| |||||
Db 1 TTTGGTGTGTTG 11

RESULT 372
US-10-450-797-790/c
; Sequence 790, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 790
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-790

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTGCTTTTA 930
||| |||||
Db 11 TTTGCTTTTA 1

RESULT 373
US-10-450-797-1046/c
; Sequence 1046, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1046
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-1046

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 906 CATTTCTTTG 916
||| |||||
Db 11 CATTTATTTG 1

RESULT 374
US-10-450-797-1082
; Sequence 1082, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1082
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-1082

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTGTGTTT 921
||| |||||


```

; PRIOR APPLICATION NUMBER: US 60/162,627
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: US 09/702,066
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 60/197,559
; PRIOR FILING DATE: 2000-04-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(13)
; OTHER INFORMATION: 2'- O-methyl RNA
US-10-055-732-28

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 45.5%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      931 TCCCTCTCTT 941
Db      2 UUCUCCUCUU 12

RESULT 379
US-10-669-841-2530
; Sequence 2530, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS AND HEPATITIS B VIRUS
; FILE REFERENCE: 400/042US (MEHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2530
; LENGTH: 13

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 45.5%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      931 TCCCTCTCTT 941
Db      2 UUCUCCUCUU 12

RESULT 380
US-10-700-118-21
; Sequence 21, Application US/10700118
; Publication No. US20040137431A1
; GENERAL INFORMATION:
; APPLICANT: Lopez, Martin J.
; APPLICANT: Britja, Ramon
; APPLICANT: Munzer, Martin
; TITLE OF INVENTION: Target Sequences for the Detection of the West Nile Virus
; FILE REFERENCE: 030570
; CURRENT APPLICATION NUMBER: US/10/700,118
; CURRENT FILING DATE: 2003-11-03
; PRIOR APPLICATION NUMBER: US 60/423508
; PRIOR FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Hairpin Component
US-10-700-118-21

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 45.5%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 5; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      931 TCCCTCTCTT 941
Db      2 UUCUCCUCUU 12

RESULT 381
US-10-700-118-24
; Sequence 24, Application US/10700118
; Publication No. US20040137431A1
; GENERAL INFORMATION:
; APPLICANT: Lopez, Martin J.
; APPLICANT: Britja, Ramon
; APPLICANT: Munzer, Martin
; TITLE OF INVENTION: Target Sequences for the Detection of the West Nile Virus
; FILE REFERENCE: 030570
; CURRENT APPLICATION NUMBER: US/10/700,118
; CURRENT FILING DATE: 2003-11-03
; PRIOR APPLICATION NUMBER: US 60/423508
; PRIOR FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: AR22 synthesis component
US-10-700-118-24

Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 931 TCCCTCCTCTT 941
Db 2 TTCCCTCCTCTT 12

RESULT 382
US-09-771-933-169
; Sequence 169, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771.933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 169
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-771-933-169

Query Match 12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 TGCCTTTTATC 932
Db 1 TGCCTTTGATC 11

RESULT 383
US-10-199-221-59
; Sequence 59, Application US/10199221
; Publication No. US20040014048A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/199,221
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-221-59

Query Match 12.9%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 938 TCTTCATTCGTTTAATGTA 956
Db 1 TTTTCATTAACAAATGTA 19

RESULT 384
US-10-774-888-59
; Sequence 59, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-59

Query Match 12.9%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 938 TCTTCATTCGTTTAATGTA 956
Db 1 TTTTCATTAACAAATGTA 19

RESULT 385
US-09-263-959-510
; Sequence 510, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESS: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 510:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-510

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTCTTTTGGTCTT 921
```



```
Db 1 TTTTCTTTCTTT 14
|||||
RESULT 386
US-09-263-959-619
; Sequence 619, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 619:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-619
Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
|||||
Db 1 TTTTGTTTTGTTT 14
|||||
RESULT 387
US-09-263-959-930
; Sequence 930, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,058
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 08/535,249
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 930:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-930
Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
|||||
Db 1 TTTTGTTTTGTTT 14
|||||
RESULT 388
US-10-146-058-118
; Sequence 118, Application US/10146058
; Publication No. US20030040499A1
; GENERAL INFORMATION:
; APPLICANT: Schlengersiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlengersiepen, Karl-Hermann
; APPLICANT: Schlengersiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,058
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 08/535,249
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 921:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-10-146-058-118
Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
|||||
Db 1 TTTTGTTTTGTTT 14
|||||
RESULT 389
US-09-263-959-930
; Sequence 930, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 619:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-930
Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
|||||
Db 1 TTTTGTTTTGTTT 14
|||||
```

TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 118:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-10-146-058-118

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATC 958
DB 1 TGGTTTCGTGATC 14

RESULT 399
US-10-376-770-251/c
Sequence 251, Application US/10376770
Publication No. US20040106102A1
GENERAL INFORMATION:
APPLICANT: Dhallan, Ravinder S.
TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME
FILE REFERENCE: 543312000320
CURRENT APPLICATION NUMBER: US/10/376,770
PRIOR FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 10/093,618
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/360,232
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 60/378,354
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 262
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 251
LENGTH: 14
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 4
OTHER INFORMATION: This nucleotide may be absent
US-10-376-770-251

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
DB 14 TTTTCTTTATTGTT 1

RESULT 390
US-10-661-165-251/c
Sequence 251, Application US/10661165
Publication No. US20040137470A1
GENERAL INFORMATION:
APPLICANT: Dhallan, Ravinder S.
TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
DISORDERS
FILE REFERENCE: 543312000420
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: PCT/US03/06198
PRIOR FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/378,354

PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: US 10/093,618
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/360,232
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: PCT/US03/27308
PRIOR FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US 10/376,770
PRIOR FILING DATE: 2003-02-28
NUMBER OF SEQ ID NOS: 628
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 251
LENGTH: 14
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 4
OTHER INFORMATION: This nucleotide may be absent
US-10-661-165-251

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTT 921
DB 14 TTTTCTTTATTGTT 1

RESULT 391
US-09-818-875-559
Sequence 559, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamber, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 559
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-559

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
DB 4 TGTAGCGATACAAA 17

RESULT 392
US-09-818-875-560/c
Sequence 560, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:

RESULT 393
US-10-209-787-559
; Sequence 559, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-560

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 14 TGTAGCGATACAAA 1

RESULT 393
US-10-209-787-559
; Sequence 559, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-559

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 4 TGTAGCGATACAAA 17

RESULT 394
US-10-209-787-560/c
; Sequence 560, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-560

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 14 TGTAGCGATACAAA 1

RESULT 395
US-10-261-185-559
; Sequence 559, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-559

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 4 TGTAGCGATACAAA 17

RESULT 396
US-10-261-185-560/c
; Sequence 560, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro NaPro4
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-560

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 14 TGTAGCGATACAAA 1

RESULT 397
US-10-681-074-559
; Sequence 559, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: NaPro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-559

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 14 TGTAGCGATACAAA 1

RESULT 398
US-10-681-074-560/c
; Sequence 560, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: NaPro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-560

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 14 TGTAGCGATACAAA 1

RESULT 399
US-10-001-073-3/c
; Sequence 3, Application US/10001073
; Publication No. US20030113725A1
; GENERAL INFORMATION:
; APPLICANT: Liggatt, Stephen
; APPLICANT: Small, Kirsten
; TITLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms
; FILE REFERENCE: 13073-PCT
; CURRENT APPLICATION NUMBER: US/10/001,073
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-001-073-3

Query Match 12.3%; Score 9; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTC 942
|||||
Db 9 CTCCTCTTC 1

RESULT 400
US-10-293-222-237/c
; Sequence 237, Application US/10293222
; Publication No. US2004003932A1
; GENERAL INFORMATION:

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 4 TGTAGCGATACAAA 17

RESULT 398
US-10-681-074-560/c
; Sequence 560, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: NaPro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 560
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-681-074-560

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
|||||
Db 14 TGTAGCGATACAAA 1

RESULT 399
US-10-001-073-3/c
; Sequence 3, Application US/10001073
; Publication No. US20030113725A1
; GENERAL INFORMATION:
; APPLICANT: Liggatt, Stephen
; APPLICANT: Small, Kirsten
; TITLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms
; FILE REFERENCE: 13073-PCT
; CURRENT APPLICATION NUMBER: US/10/001,073
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-001-073-3

Query Match 12.3%; Score 9; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 934 CTCCTCTTC 942
|||||
Db 9 CTCCTCTTC 1

RESULT 400
US-10-293-222-237/c
; Sequence 237, Application US/10293222
; Publication No. US2004003932A1
; GENERAL INFORMATION:

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; APPLICANT: Versteeg, Rogier
; APPLICANT: Caron, Hubertus N.
; TITLE OF INVENTION: MYC targets
; FILE REFERENCE: 2183-5580US
; CURRENT APPLICATION NUMBER: US/10/293,222
; CURRENT FILING DATE: 2002-11-12
; PRIOR APPLICATION NUMBER: PCT/NL01/00361
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: EP 00201698.8
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: EP 00202284.6
; PRIOR FILING DATE: 2000-06-29
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 237
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-521
US-10-033-145-521-237

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTT 914
DB 10 CATTTCCTT 2

RESULT 401
US-10-033-145-521/c
; Sequence 521, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-521

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCCTTG 916
DB 10 TTTTCCTTG 2

RESULT 402
US-10-033-145-1326/c
; Sequence 1326, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
```

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; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1326
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1326

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGTCT 920
DB 9 CTTTGTCT 1

RESULT 403
US-10-033-145-1495
; Sequence 1495, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1495
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1495

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCCTCCTCT 940
DB 2 CCCTCCTCT 10

RESULT 404
US-10-329-465-229/c
; Sequence 229, Application US/10329465
; Publication No. US20030165949A1
; GENERAL INFORMATION:
; APPLICANT: Wang et al.
; TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MLL-
; TITLE OF INVENTION: FUSION
; FILE REFERENCE: 27373/37928A
; CURRENT APPLICATION NUMBER: US/10/329,465
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/343,826
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 229
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-229

Query Match      12.3%; Score 9; DB 1; Length 10;
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Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 899 CCTGGTCA 907
Db 10 CCTGGTCA 2

RESULT 405
US-10-330-627-644/c
; Sequence 644, Application US/10330627
; Publication No. US2003017571A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330.627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 644
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-644

Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGGTCT 920
Db 9 CTTTGGTCT 1

RESULT 406
US-10-091-281-100/c
; Sequence 100, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ESWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative RPOA/DTYPEPA.01 motif
US-10-091-281-100

Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 948 TTTAATGTA 956
Db 9 TTTAATGTA 1

RESULT 407
US-10-302-547-35
; Sequence 35, Application US/10302547
; Publication No. US2004012448A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, BRIAN R.
; APPLICANT: COLLINS, PETER L.
; APPLICANT: SKIADOPOULOS, MARIO H.
; APPLICANT: NEWMAN, JASON T.
; TITLE OF INVENTION: RECOVERY OF RECOMBINANT HUMAN PARAINFLUENZA VIRUS TYPE 1 (HPV1) FROM CDNA AND USE OF RECOMBINANT HPV1 IN IMMUNOGENIC COMPOSITIONS AND AS VECTORS TO ELICIT IMMUNE RESPONSES AGAINST PIV AND OTHER HUMAN PATHOGENS
; FILE REFERENCE: 2303-37-3
; CURRENT APPLICATION NUMBER: US/10/302,547
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: 60/331,961
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 35
; LENGTH: 10
; TYPE: RNA
; ORGANISM: Murine parainfluenza virus 1
US-10-302-547-35

Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 44.4%; Pred. No. 1.9e+02;
Matches 4; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCT 935
Db 2 UUUUACCCU 10

RESULT 408
US-09-249-155-222
; Sequence 222, Application US/09249155
; Publication No. US20030037345A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155
; CURRENT FILING DATE: 1999-02-12
; EARLIER APPLICATION NUMBER: 60/074,737
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 60/097,937
; EARLIER FILING DATE: 1998-08-26
; EARLIER APPLICATION NUMBER: 60/102,051
; EARLIER FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 222
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155-222

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918
Db 1 TTCTTTGGT 9

RESULT 409
US-10-314-322-222
; Sequence 222, Application US/10314322
; Publication No. US2003022991A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
```

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; TITLE OF INVENTION: Healing
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
; US-10-314-322-222

Query Match      12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTTCTTTGCT 918
Db 1 TTTCTTTGCT 9

RESULT 410
US-10-450-797-337/c
; Sequence 337, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conrad, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 337
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-450-797-337

Query Match      12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTG 916
Db 10 TTTTCTTTG 2

RESULT 411
US-10-450-797-962/c
; Sequence 962, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conrad, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
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; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 962
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-450-797-962

Query Match      12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGCTCT 920
Db 9 CTTTGCTCT 1

RESULT 412
US-10-682-420-42
; Sequence 42, Application US/10682420
; Publication No. US20040062775A1
; GENERAL INFORMATION:
; APPLICANT: JESTIN, Andre
; APPLICANT: ALBINA, Emanuel
; APPLICANT: Le CANN, Pierre
; APPLICANT: BLANCHARD, Philippe
; APPLICANT: HUTEI, Evelyne
; APPLICANT: ARNAULD, Claire
; APPLICANT: TRUONG, Catherine
; APPLICANT: MAHE, Dominique
; APPLICANT: CARIOLET, Roland
; APPLICANT: MADEC, Francois
; TITLE OF INVENTION: CIRCOVIRUS SEQUENCES ASSOCIATED WITH PIGLET WEIGHT LOSS
; TITLE OF INVENTION: DISEASE (PWD)
; FILE REFERENCE: 065691/0176
; CURRENT APPLICATION NUMBER: US/10/682,420
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: US/10/637,011
; PRIOR FILING DATE: 2003-08-08
; PRIOR APPLICATION NUMBER: US/09/514,245B
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: FR 97/15396
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Type A PWD circovirus
; US-10-682-420-42

Query Match      12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCTCTCTT 941
Db 4 CCTCTCTCTT 12

RESULT 413
US-10-117-108A-28
; Sequence 28, Application US/10117108A
; Publication No. US20030082571A1
; GENERAL INFORMATION:
; APPLICANT: KACHAB, Edward H.
; APPLICANT: BARNETT, Graeme R.
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
```

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; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: The monomer ttgccc may be repeated from 2-20 times
US-10-117-108A-28

```

```

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 920 TTTGCTTT 928
Db 1 TTTGCTTT 9

```

```

RESULT 414
US-10-001-670-88
; Sequence 88, Application US/10001670
; Publication No. US20030119002A1
; GENERAL INFORMATION:
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Rothberg, Jonathan
; TITLE OF INVENTION: IDENTIFICATION AND COMPARISON OF PROTEIN-PROTEIN
; TITLE OF INVENTION: INTERACTIONS THAT OCCUR IN POPULATIONS AND
; TITLE OF INVENTION: IDENTIFICATION OF INHIBITORS OF THESE INTERACTIONS
; FILE REFERENCE: 7934-087
; CURRENT APPLICATION NUMBER: US/10/001,670
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 09/231,303
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 08/663,824
; PRIOR FILING DATE: 1996-06-14
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 88
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: linker
US-10-001-670-88

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```

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 936 CCTCTTCAT 944
Db 3 CCTCTTCAT 11

```

```

RESULT 415
US-10-409-613-42
; Sequence 42, Application US/10409613
; Publication No. US20040076635A1
; GENERAL INFORMATION:
; APPLICANT: JESTIN, Andre
; APPLICANT: ALBINA, Emanuel
; APPLICANT: Le CANN, Pierre
; APPLICANT: BLANCHARD, Philippe

```

```

; APPLICANT: HUTET, Evelyne
; APPLICANT: ARNAULD, Claire
; APPLICANT: TRUONG, Catherine
; APPLICANT: MAHE, Dominique
; APPLICANT: CARIOLET, Roland
; APPLICANT: MADEC, Francois
; TITLE OF INVENTION: CIRCOVIRUS SEQUENCES ASSOCIATED WITH PIGLET WEIGHT LOSS
; TITLE OF INVENTION: DISEASE (PWD)
; FILE REFERENCE: 065691/0176
; CURRENT APPLICATION NUMBER: US/10/409,613
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: US/09/514,245B
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: FR 97/15396
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Type A PWD circovirus
US-10-409-613-42

```

```

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 933 CCTCCTCTT 941
Db 4 CCTCCTCTT 12

```

```

RESULT 416
US-10-442-180-42
; Sequence 42, Application US/10442180
; Publication No. US20040091502A1
; GENERAL INFORMATION:
; APPLICANT: JESTIN, Andre
; APPLICANT: ALBINA, Emanuel
; APPLICANT: Le CANN, Pierre
; APPLICANT: BLANCHARD, Philippe
; APPLICANT: HUTET, Evelyne
; APPLICANT: ARNAULD, Claire
; APPLICANT: TRUONG, Catherine
; APPLICANT: MAHE, Dominique
; APPLICANT: CARIOLET, Roland
; APPLICANT: MADEC, Francois
; TITLE OF INVENTION: CIRCOVIRUS SEQUENCES ASSOCIATED WITH PIGLET WEIGHT LOSS
; TITLE OF INVENTION: DISEASE (PWD)
; FILE REFERENCE: 065691/0176
; CURRENT APPLICATION NUMBER: US/10/442,180
; CURRENT FILING DATE: 2003-05-21
; PRIOR APPLICATION NUMBER: US/09/514,245
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: FR 97/15396
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Type A PWD circovirus
US-10-442-180-42

```

```

Query Match          12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 933 CCTCCTCTT 941
Db 4 CCTCCTCTT 12

```


RESULT 417

US-10-661-165-374
; Sequence 374, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; DISORDERS
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-661-165-374

Query Match 12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 TTAATGAT 957

Db 1 TTAATGAT 9

RESULT 418

US-09-823-887C-27
; Sequence 27, Application US/09823887C
; Publication No. US20030180723A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sanjay
; APPLICANT: Lal, Lakhvir
; APPLICANT: Ahuja, Paramvir
; TITLE OF INVENTION: Cloning of No. US20030180723A1 Gene Sequences Expressed and Rep
; Dormancy in the Apical Buds of Tea (Camellia Sinensis L. (O.) Ku
; FILE REFERENCE: H053916.0001US0
; CURRENT APPLICATION NUMBER: US/09/823,887C
; CURRENT FILING DATE: 2002-04-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer_bind
US-09-823-887C-27

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918

Db 5 TTCTTTGGT 13

RESULT 419

US-10-106-799-23
; Sequence 23, Application US/10106799
; Publication No. US20030140379A1
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; TITLE OF INVENTION: No. US20030140379A1el DNA sequence in plants Caragana jubata with
; FILE REFERENCE: US 673
; CURRENT APPLICATION NUMBER: US/10/106,799
; CURRENT FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: AP68 arbitrary primer for differential display
US-10-106-799-23

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918

Db 5 TTCTTTGGT 13

RESULT 420

US-10-115-077-15
; Sequence 15, Application US/10115077
; Publication No. US2003015747A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-115-077-15

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943

Db 1 TCCTCTTCA 9

RESULT 421
US-10-115-077-44
; Sequence 44, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-44

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||
Db 1 TCCTCTTCA 9

RESULT 422
US-10-115-077-60
; Sequence 60, Application US/10115077
; Publication No. US20030157497A1
; GENERAL INFORMATION:
; APPLICANT: SOUTHERN, EDWIN
; TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
; FILE REFERENCE: 07649.0001-05000
; CURRENT APPLICATION NUMBER: US/10/115,077
; CURRENT FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 09/386,155
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 08/925,676
; PRIOR FILING DATE: 1997-09-09
; PRIOR APPLICATION NUMBER: 08/230,012
; PRIOR FILING DATE: 1994-04-19
; PRIOR APPLICATION NUMBER: 07/695,682
; PRIOR FILING DATE: 1991-05-03
; PRIOR APPLICATION NUMBER: 07/753,317
; PRIOR FILING DATE: 1990-09-28
; PRIOR APPLICATION NUMBER: PCT/GB89/00460
; PRIOR FILING DATE: 1989-05-02
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 60
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-115-077-60

US-10-115-077-60

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||
Db 1 TCCTCTTCA 9

RESULT 423
US-10-109-363-25
; Sequence 25, Application US/10109363
; Publication No. US20030196214A1
; GENERAL INFORMATION:
; APPLICANT: SHARMA, PRITI
; APPLICANT: KUMAR, SANJAY
; APPLICANT: AHUJA, PARAMVIR SINGH
; TITLE OF INVENTION: NOVEL GENES FROM DROUGHT STRESS TOLERANT TEA PLANT AND A
; TITLE OF INVENTION: METHOD OF INTRODUCING WATER-STRESS TOLERANCE
; FILE REFERENCE: 3097-4009
; CURRENT APPLICATION NUMBER: US/10/109,363
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Camellia sinensis
US-10-109-363-25

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTCTTTGGT 918
|||||
Db 5 TTCTTTGGT 13

RESULT 424
US-09-263-959-482
; Sequence 482, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900

```

; TELEPAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 482:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-482

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCAT 944
Db 1 CCTCCTCTCTCT 12

RESULT 425
US-10-461-790-131/c
; Sequence 131, Application US/10461790
; Publication No. US2004002911A1
; GENERAL INFORMATION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Kolk, Daniel P.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Yoshimura, Tadashi
; APPLICANT: Ho-Sing-Loy, Marcy
; APPLICANT: Stringfellow, Leslie A.
; TITLE OF INVENTION: Compositions and Methods for Detecting
; FILE REFERENCE: GPI34-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT FILING DATE: 2003-06-13
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 131
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
; NAME/KEY: misc_feature
; FEATURE:
; LOCATION: (1)...(12)
; OTHER INFORMATION: 2'-OME nucleotide analogs
US-10-461-790-131

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCAT 944
Db 12 CCTCCTCTCTCT 1

RESULT 426
US-10-216-540-17
; Sequence 17, Application US/10216540
; Publication No. US20030051261A1
; GENERAL INFORMATION:
; APPLICANT: Vanderhaeghen, Rudy
; APPLICANT: Van Lijsebettens, Maria
; TITLE OF INVENTION: Plant Internal Ribosome Entry Segment
; FILE REFERENCE: 2676US
; CURRENT APPLICATION NUMBER: US/10/216,540
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: PCT/EP01/01026
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: EP 00200442.2
; PRIOR FILING DATE: 2000-02-10

; TELEPAX: (206) 682-6031
; INFORMATION FOR SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer oligo #2
US-10-216-540-17

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 41.7%; Pred. No. 2.3e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTCT 940
Db 1 UCUCUUCUUCU 12

RESULT 427
US-10-117-108A-20/c
; Sequence 20, Application US/10117108A
; Publication No. US20030082571A1
; GENERAL INFORMATION:
; APPLICANT: KACHAB, Edward H.
; APPLICANT: BARNETT, Graeme R.
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)...(6)
; OTHER INFORMATION: The monomer aaagcc may be repeated from 2-20 times
US-10-117-108A-20

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTT 928
Db 12 GGCTTTGGCTTT 1

RESULT 428
US-10-244-142A-7/c
; Sequence 7, Application US/10244142A
; Publication No. US20030199516A1
; GENERAL INFORMATION:
; APPLICANT: Moser, Heinz E.
; APPLICANT: Baird, Eldon E.
; APPLICANT: Buerli, Roland W.
; APPLICANT: Ge, Yigong
; APPLICANT: White, Sarah
; APPLICANT: Genesoft, Inc.
; TITLE OF INVENTION: Methods of Treating Infection by Drug Resistant
; FILE REFERENCE: 020891-00910US
; CURRENT APPLICATION NUMBER: US/10/244,142A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 60/322,704
; PRIOR FILING DATE: 2001-09-13
```

; NUMBER OF SEQ ID NOS: 20
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 7
 ; LENGTH: 12
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: target sequence
 ; OTHER INFORMATION: in EcoRI/PvuII restriction fragment of Plasmid A
 US-10-244-142A-7

Query Match 12.1%; Score 8.8; DB 1; Length 12;
 Best Local Similarity 83.3%; Pred. No. 2.3e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 918 TCTTTCCTTTT 929
 Db 12 TTTTTCCTTTT 1

RESULT 429
 US-10-661-165-405
 ; Sequence 405, Application US/10661165
 ; Publication No. US20040137470A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Drallan, Ravinder S.
 ; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
 ; DISORDERS
 ; FILE REFERENCE: 543312000420
 ; CURRENT APPLICATION NUMBER: US/10/661,165
 ; CURRENT FILING DATE: 2003-03-11
 ; PRIOR APPLICATION NUMBER: PCT/US03/06198
 ; PRIOR FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 60/378,354
 ; PRIOR FILING DATE: 2002-05-08
 ; PRIOR APPLICATION NUMBER: US 10/093,618
 ; PRIOR FILING DATE: 2002-03-11
 ; PRIOR APPLICATION NUMBER: US 60/360,232
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: PCT/US03/27308
 ; PRIOR FILING DATE: 2003-08-29
 ; PRIOR APPLICATION NUMBER: US 10/376,770
 ; PRIOR FILING DATE: 2003-02-28
 ; NUMBER OF SEQ ID NOS: 628
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 405
 ; LENGTH: 12
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Primer
 US-10-661-165-405

Query Match 12.1%; Score 8.8; DB 1; Length 12;
 Best Local Similarity 83.3%; Pred. No. 2.3e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATTGCTTTA 951
 Db 1 TTTATTGCTTAA 12

RESULT 430
 US-09-934-604-4
 ; Sequence 4, Application US/09934604
 ; Patent No. US20020106665A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SOUTHERN, EDWIN
 ; TITLE OF INVENTION: A METHOD FOR ANALYSING A POLYNUCLEOTIDE CONTAINING A
 ; VARIABLE SEQUENCE AND A SET OR ARRAY OF
 ; OLIGONUCLEOTIDES THEREFOR (AS AMENDED)
 ; FILE REFERENCE: 97-11737/wmc/263
 ; CURRENT APPLICATION NUMBER: US/09/934,604

; CURRENT FILING DATE: 2001-08-23
 ; PRIOR APPLICATION NUMBER: US/09/502,778
 ; PRIOR FILING DATE: 2000-02-11
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 4
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Unknown
 ; FEATURE:
 ; OTHER INFORMATION: Description of Unknown Organism: synthetic - other
 ; OTHER INFORMATION: dna
 US-09-934-604-4

Query Match 12.1%; Score 8.8; DB 1; Length 13;
 Best Local Similarity 83.3%; Pred. No. 2.4e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 925 CTTTATCCCTC 936
 Db 1 CTTATTTCCCTC 12

RESULT 431
 US-09-877-478-5976
 ; Sequence 5976, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MBH00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/982,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/536,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/596,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 5976
 ; LENGTH: 13
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-5976

Query Match 12.1%; Score 8.8; DB 1; Length 13;
 Best Local Similarity 41.7%; Pred. No. 2.4e+02;
 Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTC 942
 Db 1 UGCCUCAUCUUC 12

RESULT 432
 US-09-877-478-6115
 ; Sequence 6115, Application US/09877478

```
/ Publication No. US20030068301A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Morrissey, Dave
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ FILE REFERENCE: MEHB00-845-H (400/029)
/ CURRENT APPLICATION NUMBER: US 09/877,478
/ CURRENT FILING DATE: 2001-12-31
/ PRIOR APPLICATION NUMBER: US 07/882,712
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 09/636,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,347
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 08/433,993
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 08/434,504
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ NUMBER OF SEQ ID NOS: 6586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6115
/ LENGTH: 13
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
/ US-09-877-478-6115

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTT 949
Db 1 UGUUCAGUGGUU 12

RESULT 433
US-10-342-902-5976
/ Sequence 5976, Application US/10342902
/ Publication No. US20040054156A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ FILE REFERENCE: 400/075 (MEHB00-845-I)
/ CURRENT APPLICATION NUMBER: US/10/342,902
/ CURRENT FILING DATE: 2003-01-15
/ PRIOR APPLICATION NUMBER: US 09/877,478
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 09/636,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,347
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 07/882,712
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ NUMBER OF SEQ ID NOS: 6592
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 6115
/ LENGTH: 13
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
/ US-10-342-902-6115

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTT 949
Db 1 UGUUCAGUGGUU 12

RESULT 435
US-10-342-902-5976
/ Sequence 5976, Application US/10342902
/ Publication No. US20040054156A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ FILE REFERENCE: 400/075 (MEHB00-845-I)
/ CURRENT APPLICATION NUMBER: US/10/342,902
/ CURRENT FILING DATE: 2003-01-15
/ PRIOR APPLICATION NUMBER: US 09/877,478
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 09/636,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,347
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 07/882,712
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ NUMBER OF SEQ ID NOS: 6592
```

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/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 5976
/ LENGTH: 13
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
/ US-10-342-902-5976

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 41.7%; Pred. No. 2.4e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 931 TCCTCTCTCTTC 942
Db 1 UGCCUCAUCUUC 12

RESULT 434
US-10-342-902-6115
/ Sequence 6115, Application US/10342902
/ Publication No. US20040054156A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Morrissey, Dave
/ TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
/ FILE REFERENCE: 400/075 (MEHB00-845-I)
/ CURRENT APPLICATION NUMBER: US/10/342,902
/ CURRENT FILING DATE: 2003-01-15
/ PRIOR APPLICATION NUMBER: US 09/877,478
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 09/636,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/696,347
/ PRIOR FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 07/882,712
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ NUMBER OF SEQ ID NOS: 6592
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 6115
/ LENGTH: 13
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
/ US-10-342-902-6115

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTT 949
Db 1 UGUUCAGUGGUU 12

RESULT 435
US-10-123-170-1
/ Sequence 1, Application US/10123170
/ Publication No. US20030008277A1
/ GENERAL INFORMATION:
/ APPLICANT: ESCRIOU, NICOLAS
/ APPLICANT: VAN DER WERF, SYLVIE
/ APPLICANT: VIEIRA-MACHADO, ALEXANDRE
/ APPLICANT: NAFFARH, NADIA
/ TITLE OF INVENTION: RECOMBINANT SEGMENTED NEGATIVE STRAND VIRUS CONTAINING BICISTRONIC
/ TITLE OF INVENTION: SEGMENT WITH A DUPLICATION OF ITS 3' NONCODING FLANKING SEQUENCE
/ TITLE OF INVENTION: AND THERAPEUTIC COMPOSITIONS CONTAINING THE SAME
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; FILE REFERENCE: 221283USO
; CURRENT APPLICATION NUMBER: US/10/123,170
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/283,957
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: restriction enzyme cleavage sequence
US-10-123-170-1

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      910 TTCTTTGGCTTT 921
      |||||
Db      1 TTATTAGGCTTT 12

RESULT 436
US-10-104-025-8/c
; Sequence 8, Application US/10104025
; Publication No. US20030165876A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PHARMA SA
; APPLICANT: BLANCHE, Francis
; TITLE OF INVENTION: PROCESSES FOR PURIFYING AND FOR DETECTING TARGET DOUBLE-STRANDED
; TITLE OF INVENTION: SEQUENCES BY TRIPLE HELIX INTERACTION
; FILE REFERENCE: 03806.0546
; CURRENT APPLICATION NUMBER: US/10/104,025
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US 60/285,272
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: FR 0103953
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-104-025-8

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      931 TCCCTCCTCTTC 942
      |||||
Db      12 TTCTTCCTCTTC 1

RESULT 437
US-10-244-142A-8/c
; Sequence 8, Application US/10244142A
; Publication No. US20030199516A1
; GENERAL INFORMATION:
; APPLICANT: Moser, Heinz E.
; APPLICANT: Baird, Eldon E.
; APPLICANT: Buerli, Roland W.
; APPLICANT: Ge, Yigong
; APPLICANT: White, Sarah
; APPLICANT: Geresoft, Inc.
; TITLE OF INVENTION: Methods of Treating Infection by Drug Resistant
; TITLE OF INVENTION: Bacteria
; FILE REFERENCE: 020891-00910US
; CURRENT APPLICATION NUMBER: US/10/244,142A

; FILE REFERENCE: 221283USO
; CURRENT APPLICATION NUMBER: US/10/123,170
; CURRENT FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: 60/283,957
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:target sequence
; OTHER INFORMATION: in EcoRI/PvuII restriction fragment Of Plasmid A
US-10-244-142A-8

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      918 TCTTTCCTCTTT 929
      |||||
Db      13 TTTTGTCTTTT 2

RESULT 438
US-10-148-521-19/c
; Sequence 19, Application US/10148521
; Publication No. US20030221203A1
; GENERAL INFORMATION:
; APPLICANT: University of Pittsburgh
; APPLICANT: Lotze, Michael T.
; APPLICANT: Agha-Mohammadi, Siamak T.
; TITLE OF INVENTION: High Efficiency Regulatable Gene Expression System
; FILE REFERENCE: 00791PCT
; CURRENT APPLICATION NUMBER: US/10/148,521
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/237,633
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: SGG linker-2 forward oligonucleotide
US-10-148-521-19

Query Match      12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 ATCCCTCCTCTTT 941
      |||||
Db      13 ATCCCGCCACTT 2

RESULT 439
US-10-271-602B-130/c
; Sequence 130, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMap-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
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; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Human
US-10-271-602B-130

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 913 TTGGTCTTCC 924
Db 13 TTGGTCTTCC 2

RESULT 440
US-10-664-422-400
; Sequence 400, Application US/10664422
; Publication No. US20040096885A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G01D:023USD3
; CURRENT APPLICATION NUMBER: US/10/664,422
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 400
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-664-422-400

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGTA 956
Db 1 TGGTATAAGTA 12

RESULT 441
US-10-664-422-403
; Sequence 403, Application US/10664422
; Publication No. US20040096885A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G01D:023USD3
; CURRENT APPLICATION NUMBER: US/10/664,422
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623

; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 403
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-664-422-403

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGTA 956
Db 1 TGGTATAAGTA 12

RESULT 442
US-10-664-423-400
; Sequence 400, Application US/10664423
; Publication No. US20040096886A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G01D:023USD2
; CURRENT APPLICATION NUMBER: US/10/664,423
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 400
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-664-423-400

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGTA 956
Db 1 TGGTATAAGTA 12

RESULT 443
US-10-664-423-403
; Sequence 403, Application US/10664423
; Publication No. US20040096886A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G01D:023USD2
; CURRENT APPLICATION NUMBER: US/10/664,423
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 403
; LENGTH: 13

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-664-423-403

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGTA 956
|||||
Db 1 TGGTGTAAAGTA 12

RESULT 444

US-10-669-841-2379
; Sequence 2379, Application US/10669841
; Publication No. US20040127446A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: Lawrence, Blatt

; APPLICANT: Dennis, Macejak

; APPLICANT: James, McSwiggen

; APPLICANT: David, Morrissey

; APPLICANT: Pamela, Pavco

; APPLICANT: Patrice, Lee

; APPLICANT: Kenneth, Draper

; APPLICANT: Elisabeth, Roberts

; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS AND HEPATITIS B VIRUS

; FILE REFERENCE: 400/042US (MEH802-249-E)

; CURRENT APPLICATION NUMBER: US/10/669,841

; CURRENT FILING DATE: 2003-09-23

; PRIOR APPLICATION NUMBER: PCT/US02/09187

; PRIOR FILING DATE: 2002-03-26

; PRIOR APPLICATION NUMBER: US 60/296,876

; PRIOR FILING DATE: 2001-06-08

; PRIOR APPLICATION NUMBER: US 60/335,059

; PRIOR FILING DATE: 2001-10-24

; PRIOR APPLICATION NUMBER: US 60/337,055

; PRIOR FILING DATE: 2001-12-05

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 09/817,879

; PRIOR FILING DATE: 2001-03-26

; PRIOR APPLICATION NUMBER: US 09/740,332

; PRIOR FILING DATE: 2000-12-18

; PRIOR APPLICATION NUMBER: US 09/611,931

; PRIOR FILING DATE: 2000-07-07

; PRIOR APPLICATION NUMBER: US 09/504,321

; PRIOR FILING DATE: 2000-02-15

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 16207

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2379

; LENGTH: 13

; TYPE: RNA

; ORGANISM: Hepatitis B Virus

US-10-669-841-2379

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 41.7%; Pred. No. 2.4e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 931 TCCCTCTCTTC 942
: ||| : |||
Db 1 UGCCTCAUCUC 12

RESULT 445

US-10-669-841-2518
; Sequence 2518, Application US/10669841

; Publication No. US20040127446A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: Lawrence, Blatt

; APPLICANT: Dennis, Macejak

; APPLICANT: James, McSwiggen

; APPLICANT: David, Morrissey

; APPLICANT: Pamela, Pavco

; APPLICANT: Patrice, Lee

; APPLICANT: Kenneth, Draper

; APPLICANT: Elisabeth, Roberts

; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS

; FILE REFERENCE: 400/042US (MEH802-249-E)

; CURRENT APPLICATION NUMBER: US/10/669,841

; CURRENT FILING DATE: 2003-09-23

; PRIOR APPLICATION NUMBER: PCT/US02/09187

; PRIOR FILING DATE: 2002-03-26

; PRIOR APPLICATION NUMBER: US 60/296,876

; PRIOR FILING DATE: 2001-06-08

; PRIOR APPLICATION NUMBER: US 60/335,059

; PRIOR FILING DATE: 2001-10-24

; PRIOR APPLICATION NUMBER: US 60/337,055

; PRIOR FILING DATE: 2001-12-05

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 09/817,879

; PRIOR FILING DATE: 2001-03-26

; PRIOR APPLICATION NUMBER: US 09/740,332

; PRIOR FILING DATE: 2000-12-18

; PRIOR APPLICATION NUMBER: US 09/611,931

; PRIOR FILING DATE: 2000-07-07

; PRIOR APPLICATION NUMBER: US 09/504,321

; PRIOR FILING DATE: 2000-02-15

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 16207

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2518

; LENGTH: 13

; TYPE: RNA

; ORGANISM: Hepatitis B Virus

US-10-669-841-2518

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 4; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATTGGTT 949
: : : : :
Db 1 UCUUCAGUGGU 12

Search completed: October 18, 2004, 14:33:46
Job time : 2 secs

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OM nucleic - nucleic search, using sw model

Run on: October 18, 2004, 14:23:01 ; Search time 0.001 Seconds
(without alignments)
1704.112 Million cell updates/sec

Title: US-09-695-451-1
Perfect score: 73
Sequence: 1 cctgggcatctttcttgggt.....atgtatcgctaccacaggtg 73

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 827 seqs, 11672 residues

Total number of hits satisfying chosen parameters: 1654

Minimum DB seq length: 8
Maximum DB seq length: 30

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 829 summaries

Database : rge1-899.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %		DB	ID	Description
		Match	Length			
C 1	18	24.7	18	1	AR096383	ACCESSION:AR096383
C 2	18	24.7	18	1	AR096384	ACCESSION:AR096384
C 3	18	24.7	18	1	AR096385	ACCESSION:AR096385
C 4	18	24.7	18	1	AR096386	ACCESSION:AR096386
C 5	18	24.7	18	1	AR096387	ACCESSION:AR096387
C 6	18	24.7	18	1	AR096388	ACCESSION:AR096388
C 7	18	24.7	18	1	BD217431	ACCESSION:BD217431
C 8	18	24.7	18	1	BD217432	ACCESSION:BD217432
C 9	18	24.7	18	1	BD217433	ACCESSION:BD217433
C 10	18	24.7	18	1	BD217434	ACCESSION:BD217434
C 11	18	24.7	18	1	BD217435	ACCESSION:BD217435
C 12	18	24.7	18	1	BD217436	ACCESSION:BD217436
C 13	17.6	24.1	24	1	AX306718	ACCESSION:AX306718
C 14	17	23.3	25	1	AX486882	ACCESSION:AX486882
C 15	15.4	21.1	17	1	AR191769	ACCESSION:AR191769
C 16	15.4	21.1	17	1	AR325664	ACCESSION:AR325664
C 17	15.4	21.1	20	1	AX076068	ACCESSION:AX076068
C 18	15.2	20.8	23	1	AX641907	ACCESSION:AX641907
C 19	15.2	20.8	23	1	AX707929	ACCESSION:AX707929
C 20	15	20.5	20	1	A66968	ACCESSION:A66968
C 21	15	20.5	20	1	AX076066	ACCESSION:AX076066
C 22	15	20.5	20	1	AX103472	ACCESSION:AX103472
C 23	15	20.5	20	1	AX155625	ACCESSION:AX155625
C 24	14.6	20.0	21	1	AR062097	ACCESSION:AR062097
C 25	14.6	20.0	21	1	AR089617	ACCESSION:AR089617
C 26	14.6	20.0	21	1	AR308294	ACCESSION:AR308294
C 27	14.6	20.0	21	1	AR308298	ACCESSION:AR308298
C 28	14.6	20.0	21	1	AR308973	ACCESSION:AR308973
C 29	14.6	20.0	21	1	AR317104	ACCESSION:AR317104
C 30	14.6	20.0	21	1	AX029051	ACCESSION:AX029051
C 31	14.6	20.0	21	1	AX029055	ACCESSION:AX029055
C 32	14.6	20.0	21	1	AX555488	ACCESSION:AX555488
C 33	14.6	20.0	21	1	BD009336	ACCESSION:BD009336

c 107	12.2	16.7	18	1	AR294187	ACCESSION:AR294187	180	11.4	15.6	17	1	AX733691	ACCESSION:AX733691
c 108	12.2	16.7	18	1	AR295441	ACCESSION:AR295441	181	11.4	15.6	17	1	AX735593	ACCESSION:AX735593
c 109	12.2	16.7	18	1	AR363596	ACCESSION:AR363596	c 182	11.4	15.6	17	1	AX737863	ACCESSION:AX737863
c 110	12.2	16.7	18	1	AX133014	ACCESSION:AX133014	c 183	11.4	15.6	17	1	AX738777	ACCESSION:AX738777
c 111	12.2	16.7	18	1	AX133015	ACCESSION:AX133015	c 184	11.4	15.6	17	1	AX739420	ACCESSION:AX739420
c 112	12.2	16.7	18	1	AX133017	ACCESSION:AX133017	c 185	11.4	15.6	17	1	AX759010	ACCESSION:AX759010
c 113	12.2	16.7	18	1	AX428709	ACCESSION:AX428709	c 186	11.4	15.6	17	1	AX761110	ACCESSION:AX761110
c 114	12.2	16.7	18	1	AX659420	ACCESSION:AX659420	c 187	11.4	15.6	17	1	AX761473	ACCESSION:AX761473
c 115	12.2	16.7	18	1	AX708314	ACCESSION:AX708314	c 188	11.4	15.6	17	1	AX762413	ACCESSION:AX762413
c 116	12.2	16.7	18	1	AX708316	ACCESSION:AX708316	c 189	11.4	15.6	17	1	AX782441	ACCESSION:AX782441
c 117	12.2	16.4	15	1	AR192962	ACCESSION:AR192962	c 190	11.4	15.6	17	1	AX782442	ACCESSION:AX782442
c 118	12.2	16.4	15	1	AR326704	ACCESSION:AR326704	c 191	11.4	15.6	17	1	BD199174	ACCESSION:BD199174
c 119	12.2	16.4	15	1	AR326704	ACCESSION:AR326704	c 192	11.4	15.6	17	1	BD199175	ACCESSION:BD199175
c 120	12.2	16.4	15	1	AR009107	ACCESSION:AR009107	c 193	11.4	15.6	17	1	BD199176	ACCESSION:BD199176
c 121	12.2	16.4	15	1	AR328268	ACCESSION:AR328268	c 194	11.4	15.6	17	1	BD200682	ACCESSION:BD200682
c 122	12.2	16.4	17	1	AR186011	ACCESSION:AR186011	c 195	11.4	15.6	17	1	BD200683	ACCESSION:BD200683
c 123	12.2	16.4	17	1	AR186012	ACCESSION:AR186012	c 196	11.4	15.6	17	1	BD200684	ACCESSION:BD200684
c 124	12.2	16.4	17	1	AR186013	ACCESSION:AR186013	c 197	11.2	15.3	16	1	AR261704	ACCESSION:AR261704
c 125	12.2	16.4	17	1	AR322643	ACCESSION:AR322643	c 198	11.2	15.3	16	1	AR325917	ACCESSION:AR325917
c 126	12.2	16.4	17	1	AR322644	ACCESSION:AR322644	c 199	11.2	15.3	16	1	AR045573	ACCESSION:AR045573
c 127	12.2	16.4	17	1	AR326842	ACCESSION:AR326842	c 200	11.2	15.3	17	1	AR046219	ACCESSION:AR046219
c 128	12.2	16.4	17	1	AR724732	ACCESSION:AR724732	c 201	11.2	15.3	17	1	AR110567	ACCESSION:AR110567
c 129	12.2	16.4	18	1	AR080716	ACCESSION:AR080716	c 202	11.2	15.3	17	1	AR151787	ACCESSION:AR151787
c 130	12.2	16.4	18	1	AR162699	ACCESSION:AR162699	c 203	11.2	15.3	17	1	AR153518	ACCESSION:AR153518
c 131	12.2	16.4	18	1	AR162699	ACCESSION:AR162699	c 204	11.2	15.3	17	1	BD241648	ACCESSION:BD241648
c 132	11.8	16.2	15	1	AR81775	ACCESSION:AR81775	c 205	11.2	15.3	17	1	BD256443	ACCESSION:BD256443
c 133	11.8	16.2	15	1	AR90142	ACCESSION:AR90142	c 206	11.2	15.3	17	1	BD256891	ACCESSION:BD256891
c 134	11.8	16.2	15	1	BD065688	ACCESSION:BD065688	c 207	11.2	15.3	17	1	E04162	ACCESSION:E04162
c 135	11.8	16.2	15	1	AR36044	ACCESSION:AR36044	c 208	11.2	15.3	17	1	E04429	ACCESSION:E04429
c 136	11.8	16.2	17	1	AR70341	ACCESSION:AR70341	c 209	11.2	15.3	17	1	I36962	ACCESSION:I36962
c 137	11.8	16.2	17	1	AR117158	ACCESSION:AR117158	c 210	11.2	15.3	17	1	I32625	ACCESSION:I32625
c 138	11.8	16.2	17	1	BD244486	ACCESSION:BD244486	c 211	11.2	15.3	17	1	I32711	ACCESSION:I32711
c 139	11.8	16.2	17	1	BD259598	ACCESSION:BD259598	c 212	11.2	15.3	17	1	AR186086	ACCESSION:AR186086
c 140	11.8	16.2	17	1	AR186386	ACCESSION:AR186386	c 213	11.2	15.3	17	1	AR187386	ACCESSION:AR187386
c 141	11.8	16.2	17	1	AR323017	ACCESSION:AR323017	c 214	11.2	15.3	17	1	AR268079	ACCESSION:AR268079
c 142	11.8	16.2	17	1	AR323017	ACCESSION:AR323017	c 215	11.2	15.3	17	1	AR220600	ACCESSION:AR220600
c 143	11.8	16.2	17	1	AX217394	ACCESSION:AX217394	c 216	11.2	15.3	17	1	AR322717	ACCESSION:AR322717
c 144	11.8	16.2	17	1	AX217395	ACCESSION:AX217395	c 217	11.2	15.3	17	1	AR323996	ACCESSION:AR323996
c 145	11.8	16.2	17	1	AX217974	ACCESSION:AX217974	c 218	11.2	15.3	17	1	AR327747	ACCESSION:AR327747
c 146	11.8	16.2	17	1	AX503033	ACCESSION:AX503033	c 219	11.2	15.3	17	1	AR343498	ACCESSION:AR343498
c 147	11.8	16.2	17	1	AX782444	ACCESSION:AX782444	c 220	11.2	15.3	17	1	AR434199	ACCESSION:AR434199
c 148	11.8	16.2	17	1	AX782445	ACCESSION:AX782445	c 221	11.2	15.3	17	1	AX217532	ACCESSION:AX217532
c 149	11.8	16.2	17	1	BD201346	ACCESSION:BD201346	c 222	11.2	15.3	17	1	AX217533	ACCESSION:AX217533
c 150	11.8	16.2	17	1	BD201347	ACCESSION:BD201347	c 223	11.2	15.3	17	1	AX218095	ACCESSION:AX218095
c 151	11.8	16.2	18	1	AR106911	ACCESSION:AR106911	c 224	11.2	15.3	17	1	AX221900	ACCESSION:AX221900
c 152	11.8	16.2	18	1	AR156048	ACCESSION:AR156048	c 225	11.2	15.3	17	1	AX325153	ACCESSION:AX325153
c 153	11.8	16.2	18	1	AR211241	ACCESSION:AR211241	c 226	11.2	15.3	17	1	AX325154	ACCESSION:AX325154
c 154	11.8	16.2	18	1	AR294885	ACCESSION:AR294885	c 227	11.2	15.3	17	1	AX422665	ACCESSION:AX422665
c 155	11.8	16.2	18	1	AX060752	ACCESSION:AX060752	c 228	11.2	15.3	17	1	AX422924	ACCESSION:AX422924
c 156	11.8	16.2	18	1	AX060931	ACCESSION:AX060931	c 229	11.2	15.3	17	1	AX423326	ACCESSION:AX423326
c 157	11.8	16.2	18	1	AX593979	ACCESSION:AX593979	c 230	11.2	15.3	17	1	AX502775	ACCESSION:AX502775
c 158	11.8	16.2	18	1	AX767769	ACCESSION:AX767769	c 231	11.2	15.3	17	1	AX502776	ACCESSION:AX502776
c 159	11.8	16.2	18	1	AX767770	ACCESSION:AX767770	c 232	11.2	15.3	17	1	AX545016	ACCESSION:AX545016
c 160	11.8	16.2	18	1	AX796241	ACCESSION:AX796241	c 233	11.2	15.3	17	1	AX545016	ACCESSION:AX545016
c 161	11.8	16.2	18	1	AX796242	ACCESSION:AX796242	c 234	11.2	15.3	17	1	AX578382	ACCESSION:AX578382
c 162	11.8	16.2	18	1	BD225019	ACCESSION:BD225019	c 235	11.2	15.3	17	1	AX578951	ACCESSION:AX578951
c 163	11.8	16.2	18	1	HSREPO11	ACCESSION:HSREPO11	c 236	11.2	15.3	17	1	AX578951	ACCESSION:AX578951
c 164	11.8	16.2	18	1	AX217393	ACCESSION:AX217393	c 237	11.2	15.3	17	1	AX648646	ACCESSION:AX648646
c 165	11.6	15.9	17	1	AX324445	ACCESSION:AX324445	c 238	11.2	15.3	17	1	AX648648	ACCESSION:AX648648
c 166	11.4	15.6	15	1	AR135855	ACCESSION:AR135855	c 239	11.2	15.3	17	1	AX648649	ACCESSION:AX648649
c 167	11.4	15.6	15	1	E32328	ACCESSION:E32328	c 240	11.2	15.3	17	1	AX648651	ACCESSION:AX648651
c 168	11.4	15.6	15	1	I35109	ACCESSION:I35109	c 241	11.2	15.3	17	1	AX648772	ACCESSION:AX648772
c 169	11.4	15.6	15	1	I35110	ACCESSION:I35110	c 242	11.2	15.3	17	1	AX648773	ACCESSION:AX648773
c 170	11.4	15.6	17	1	AX217393	ACCESSION:AX217393	c 243	11.2	15.3	17	1	AX648906	ACCESSION:AX648906
c 171	11.4	15.6	17	1	AX324445	ACCESSION:AX324445	c 244	11.2	15.3	17	1	AX648907	ACCESSION:AX648907
c 172	11.4	15.6	17	1	AX324446	ACCESSION:AX324446	c 245	11.2	15.3	17	1	AX672849	ACCESSION:AX672849
c 173	11.4	15.6	17	1	AX503038	ACCESSION:AX503038	c 246	11.2	15.3	17	1	AX673129	ACCESSION:AX673129
c 174	11.4	15.6	17	1	AX673119	ACCESSION:AX673119	c 247	11.2	15.3	17	1	AX673152	ACCESSION:AX673152
c 175	11.4	15.6	17	1	AX673373	ACCESSION:AX673373	c 248	11.2	15.3	17	1	AX674770	ACCESSION:AX674770
c 176	11.4	15.6	17	1	AX674687	ACCESSION:AX674687	c 249	11.2	15.3	17	1	AX688215	ACCESSION:AX688215
c 177	11.4	15.6	17	1	AX724485	ACCESSION:AX724485	c 250	11.2	15.3	17	1	AX688216	ACCESSION:AX688216
c 178	11.4	15.6	17	1	AX731485	ACCESSION:AX731485	c 251	11.2	15.3	17	1	AX688217	ACCESSION:AX688217
c 179	11.4	15.6	17	1	AX731485	ACCESSION:AX731485	c 252	11.2	15.3	17	1	AX688218	ACCESSION:AX688218

C 253	11.2	15.3	17	1	AX688505	ACCESSION:AX688505	326	10.4	14.2	15	1	AR192970
C 254	11.2	15.3	17	1	AX688506	ACCESSION:AX688506	327	10.4	14.2	15	1	AR326712
C 255	11.2	15.3	17	1	AX690458	ACCESSION:AX690458	328	10.4	14.2	15	1	AX635683
C 256	11.2	15.3	17	1	AX690459	ACCESSION:AX690459	329	10.4	14.2	15	1	AX635685
C 257	11.2	15.3	17	1	AX723602	ACCESSION:AX723602	330	10.4	14.2	15	1	BD208754
C 258	11.2	15.3	17	1	AX728481	ACCESSION:AX728481	331	10.4	14.2	15	1	AX595319
C 259	11.2	15.3	17	1	AX728480	ACCESSION:AX728480	C 332	10.4	14.2	16	1	AX5224
C 260	11.2	15.3	17	1	AX729887	ACCESSION:AX729887	C 333	10.4	14.2	16	1	AR8985
C 261	11.2	15.3	17	1	AX730376	ACCESSION:AX730376	C 334	10.4	14.2	16	1	AR89573
C 262	11.2	15.3	17	1	AX730994	ACCESSION:AX730994	C 335	10.4	14.2	16	1	AR202978
C 263	11.2	15.3	17	1	AX731599	ACCESSION:AX731599	C 336	10.4	14.2	16	1	AR142913
C 264	11.2	15.3	17	1	AX732301	ACCESSION:AX732301	C 337	10.4	14.2	16	1	ES1108
C 265	11.2	15.3	17	1	AX732400	ACCESSION:AX732400	C 338	10.4	14.2	16	1	AR202867
C 266	11.2	15.3	17	1	AX732454	ACCESSION:AX732454	C 339	10.4	14.2	16	1	AR213623
C 267	11.2	15.3	17	1	AX733923	ACCESSION:AX733923	C 340	10.4	14.2	16	1	AR364513
C 268	11.2	15.3	17	1	AX734209	ACCESSION:AX734209	C 341	10.4	14.2	16	1	AX268349
C 269	11.2	15.3	17	1	AX736083	ACCESSION:AX736083	C 342	10.4	14.2	16	1	BD057681
C 270	11.2	15.3	17	1	AX737406	ACCESSION:AX737406	C 343	10.4	14.2	16	1	BD066498
C 271	11.2	15.3	17	1	AX737441	ACCESSION:AX737441	C 344	10.4	14.2	16	1	BD067086
C 272	11.2	15.3	17	1	AX738678	ACCESSION:AX738678	C 345	10.4	14.2	16	1	BD081511
C 273	11.2	15.3	17	1	AX757880	ACCESSION:AX757880	C 346	10.2	14.0	15	1	AS9571
C 274	11.2	15.3	17	1	AX759249	ACCESSION:AX759249	C 347	10.2	14.0	15	1	AR029856
C 275	11.2	15.3	17	1	AX762054	ACCESSION:AX762054	C 348	10.2	14.0	15	1	AR041246
C 276	11.2	15.3	17	1	AX784017	ACCESSION:AX784017	C 349	10.2	14.0	15	1	AR131847
C 277	11.2	15.3	17	1	AX784018	ACCESSION:AX784018	C 350	10.2	14.0	15	1	BD272134
C 278	11.2	15.3	17	1	AX784019	ACCESSION:AX784019	C 351	10.2	14.0	15	1	I77340
C 279	11.2	15.3	17	1	AX784021	ACCESSION:AX784021	C 352	10.2	14.0	15	1	I77346
C 280	11.2	15.3	17	1	BD198759	ACCESSION:BD198759	C 353	10.2	14.0	15	1	AR211045
C 281	11.2	15.3	17	1	BD200959	ACCESSION:BD200959	C 354	10.2	14.0	15	1	AR211047
C 282	11	15.1	12	1	BD248253	ACCESSION:BD248253	C 355	10.2	14.0	15	1	AR241966
C 283	11	15.1	16	1	A39062	ACCESSION:A39062	C 356	10.2	14.0	15	1	AR371345
C 284	11	15.1	16	1	AR063396	ACCESSION:AR063396	C 357	10.2	14.0	15	1	AX357289
C 285	11	15.1	16	1	AR123587	ACCESSION:AR123587	C 358	10.2	14.0	15	1	AX456096
C 286	11	15.1	16	1	AR267328	ACCESSION:AR267328	C 359	10.2	14.0	15	1	AX551046
C 287	11	15.1	16	1	AR305738	ACCESSION:AR305738	C 360	10.2	14.0	15	1	AX551746
C 288	11	15.1	16	1	AX023124	ACCESSION:AX023124	C 361	10.2	14.0	15	1	AX587116
C 289	11	15.1	16	1	AX417330	ACCESSION:AX417330	C 362	10.2	14.0	15	1	AX636724
C 290	10.8	14.8	14	1	A88315	ACCESSION:A88315	C 363	10.2	14.0	15	1	AX638020
C 291	10.8	14.8	14	1	A90282	ACCESSION:A90282	C 364	10.2	14.0	15	1	AX638032
C 292	10.8	14.8	14	1	E16520	ACCESSION:E16520	C 365	10	13.7	10	1	AR162296
C 293	10.8	14.8	14	1	BD065828	ACCESSION:BD065828	C 366	10	13.7	10	1	BD239444
C 294	10.8	14.8	15	1	A56697	ACCESSION:A56697	C 367	10	13.7	10	1	BD239620
C 295	10.8	14.8	15	1	AR131846	ACCESSION:AR131846	C 368	10	13.7	10	1	BD240609
C 296	10.8	14.8	15	1	I23533	ACCESSION:I23533	C 369	10	13.7	10	1	AX152157
C 297	10.8	14.8	15	1	I77338	ACCESSION:I77338	C 370	10	13.7	10	1	AX711012
C 298	10.8	14.8	15	1	I77339	ACCESSION:I77339	C 371	10	13.7	10	1	BD001153
C 299	10.8	14.8	15	1	I81251	ACCESSION:I81251	C 372	10	13.7	10	1	BD001582
C 300	10.8	14.8	15	1	AX119562	ACCESSION:AX119562	C 373	10	13.7	11	1	I03849
C 301	10.8	14.8	15	1	AX239941	ACCESSION:AX239941	C 374	10	13.7	11	1	AX393151
C 302	10.8	14.8	15	1	AX638095	ACCESSION:AX638095	C 375	10	13.7	11	1	AX623936
C 303	10.8	14.8	15	1	AX638097	ACCESSION:AX638097	C 376	10	13.7	11	1	AX628265
C 304	10.8	14.8	16	1	A36565	ACCESSION:A36565	C 377	10	13.7	11	1	AX628499
C 305	10.8	14.8	16	1	AX022900	ACCESSION:AX022900	C 378	10	13.7	11	1	AX631357
C 306	10.8	14.8	16	1	AX022919	ACCESSION:AX022919	C 379	10	13.7	12	1	BD248252
C 307	10.8	14.8	16	1	AX022938	ACCESSION:AX022938	C 380	10	13.7	12	1	I83639
C 308	10.8	14.8	16	1	AX030488	ACCESSION:AX030488	C 381	10	13.7	14	1	AR029996
C 309	10.8	14.8	16	1	AX030507	ACCESSION:AX030507	C 382	10	13.7	14	1	AR030008
C 310	10.8	14.8	16	1	AX030526	ACCESSION:AX030526	C 383	10	13.7	14	1	AX211761
C 311	10.4	14.2	12	1	AR029896	ACCESSION:AR029896	C 384	10	13.7	15	1	AR133832
C 312	10.4	14.2	12	1	AR241998	ACCESSION:AR241998	C 385	10	13.7	15	1	AR133833
C 313	10.4	14.2	14	1	I06686	ACCESSION:I06686	C 386	10	13.7	15	1	AX923665
C 314	10.4	14.2	14	1	S81271	ACCESSION:S81271	C 387	9.8	13.4	13	1	AR029867
C 315	10.4	14.2	15	1	AR011372	ACCESSION:AR011372	C 388	9.8	13.4	13	1	AR058691
C 316	10.4	14.2	15	1	AR037374	ACCESSION:AR037374	C 389	9.8	13.4	13	1	AR175364
C 317	10.4	14.2	15	1	AR043855	ACCESSION:AR043855	C 390	9.8	13.4	13	1	AX498134
C 318	10.4	14.2	15	1	I18010	ACCESSION:I18010	C 391	9.8	13.4	14	1	A40492
C 319	10.4	14.2	15	1	I39400	ACCESSION:I39400	C 392	9.8	13.4	14	1	A88603
C 320	10.4	14.2	15	1	I39401	ACCESSION:I39401	C 393	9.8	13.4	14	1	AR9019
C 321	10.4	14.2	15	1	I47006	ACCESSION:I47006	C 394	9.8	13.4	14	1	A90570
C 322	10.4	14.2	15	1	I47654	ACCESSION:I47654	C 395	9.8	13.4	14	1	I28562
C 323	10.4	14.2	15	1	I63155	ACCESSION:I63155	C 396	9.8	13.4	14	1	I58724
C 324	10.4	14.2	15	1	I81412	ACCESSION:I81412	C 397	9.8	13.4	14	1	AR232772
C 325	10.4	14.2	15	1	I93803	ACCESSION:I93803	C 398	9.8	13.4	14	1	AR408017

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C 399	9.8	13.4	14	1	AR408018	C 472	9.4	12.9	11	1	AX625765	ACCESSION:AX625765
C 400	9.8	13.4	14	1	AX316388	C 473	9.4	12.9	11	1	AX626326	ACCESSION:AX626326
C 401	9.8	13.4	14	1	BD066116	C 474	9.4	12.9	11	1	AX626810	ACCESSION:AX626810
C 402	9.8	13.4	14	1	BD066532	C 475	9.4	12.9	11	1	AX627361	ACCESSION:AX627361
C 403	9.8	13.4	15	1	AR8604	C 476	9.4	12.9	11	1	AX627577	ACCESSION:AX627577
C 404	9.8	13.4	15	1	AR0571	C 477	9.4	12.9	11	1	AX627963	ACCESSION:AX627963
C 405	9.8	13.4	15	1	AR029953	C 478	9.4	12.9	11	1	AX628243	ACCESSION:AX628243
C 406	9.8	13.4	15	1	AR036806	C 479	9.4	12.9	11	1	AX628516	ACCESSION:AX628516
C 407	9.8	13.4	15	1	AR041284	C 480	9.4	12.9	11	1	AX628786	ACCESSION:AX628786
C 408	9.8	13.4	15	1	AR041285	C 481	9.4	12.9	11	1	AX629613	ACCESSION:AX629613
C 409	9.8	13.4	15	1	AR050913	C 482	9.4	12.9	11	1	AX629671	ACCESSION:AX629671
C 410	9.8	13.4	15	1	AR055917	C 483	9.4	12.9	11	1	AX630269	ACCESSION:AX630269
C 411	9.8	13.4	15	1	AR056084	C 484	9.4	12.9	11	1	AX630939	ACCESSION:AX630939
C 412	9.8	13.4	15	1	AR056085	C 485	9.4	12.9	11	1	AX631100	ACCESSION:AX631100
C 413	9.8	13.4	15	1	AR058431	C 486	9.4	12.9	11	1	AX631185	ACCESSION:AX631185
C 414	9.8	13.4	15	1	AR058439	C 487	9.4	12.9	11	1	AX631700	ACCESSION:AX631700
C 415	9.8	13.4	15	1	AR058440	C 488	9.4	12.9	11	1	AX632400	ACCESSION:AX632400
C 416	9.8	13.4	15	1	AR113675	C 489	9.4	12.9	11	1	AX632472	ACCESSION:AX632472
C 417	9.8	13.4	15	1	AR113842	C 490	9.4	12.9	11	1	BD124228	ACCESSION:BD124228
C 418	9.8	13.4	15	1	AR113843	C 491	9.4	12.9	11	1	BD124448	ACCESSION:BD124448
C 419	9.8	13.4	15	1	AR133323	C 492	9.4	12.9	12	1	AL15123	ACCESSION:AL15123
C 420	9.8	13.4	15	1	AR133386	C 493	9.4	12.9	12	1	AR029820	ACCESSION:AR029820
C 421	9.8	13.4	15	1	121576	C 494	9.4	12.9	12	1	AR030027	ACCESSION:AR030027
C 422	9.8	13.4	15	1	121578	C 495	9.4	12.9	13	1	AR1504	ACCESSION:AR1504
C 423	9.8	13.4	15	1	139026	C 496	9.4	12.9	13	1	E32294	ACCESSION:E32294
C 424	9.8	13.4	15	1	139035	C 497	9.4	12.9	13	1	AR407995	ACCESSION:AR407995
C 425	9.8	13.4	15	1	139131	C 498	9.4	12.9	13	1	BD023286	ACCESSION:BD023286
C 426	9.8	13.4	15	1	139132	C 499	9.4	12.9	14	1	AR85510	ACCESSION:AR85510
C 427	9.8	13.4	15	1	139398	C 500	9.4	12.9	14	1	AR9574	ACCESSION:AR9574
C 428	9.8	13.4	15	1	139399	C 501	9.4	12.9	14	1	A90477	ACCESSION:A90477
C 429	9.8	13.4	15	1	AR179935	C 502	9.4	12.9	14	1	AR029909	ACCESSION:AR029909
C 430	9.8	13.4	15	1	AR193005	C 503	9.4	12.9	14	1	AR119021	ACCESSION:AR119021
C 431	9.8	13.4	15	1	AR201976	C 504	9.4	12.9	14	1	BD235096	ACCESSION:BD235096
C 432	9.8	13.4	15	1	AR326745	C 505	9.4	12.9	14	1	AX009167	ACCESSION:AX009167
C 433	9.8	13.4	15	1	AR371311	C 506	9.4	12.9	14	1	BD066023	ACCESSION:BD066023
C 434	9.8	13.4	15	1	AX274676	C 507	9.4	12.9	14	1	BD067087	ACCESSION:BD067087
C 435	9.8	13.4	15	1	AX633010	C 508	9.4	12.9	14	1	BD071083	ACCESSION:BD071083
C 436	9.8	13.4	15	1	AX633148	C 509	9.4	12.9	14	1	BD135833	ACCESSION:BD135833
C 437	9.8	13.4	15	1	AX633150	C 510	9.2	12.6	14	1	A40581	ACCESSION:A40581
C 438	9.8	13.4	15	1	AX635281	C 511	9.2	12.6	14	1	A59502	ACCESSION:A59502
C 439	9.8	13.4	15	1	AX635299	C 512	9.2	12.6	14	1	A58105	ACCESSION:A58105
C 440	9.8	13.4	15	1	AX635395	C 513	9.2	12.6	14	1	AR029889	ACCESSION:AR029889
C 441	9.8	13.4	15	1	AX635397	C 514	9.2	12.6	14	1	AR029908	ACCESSION:AR029908
C 442	9.8	13.4	15	1	AX635679	C 515	9.2	12.6	14	1	AR030129	ACCESSION:AR030129
C 443	9.8	13.4	15	1	AX635681	C 516	9.2	12.6	14	1	AR176028	ACCESSION:AR176028
C 444	9.8	13.4	15	1	AX636725	C 517	9.2	12.6	14	1	E15991	ACCESSION:E15991
C 445	9.8	13.4	15	1	AX636727	C 518	9.2	12.6	14	1	E15992	ACCESSION:E15992
C 446	9.8	13.4	15	1	BD066117	C 519	9.2	12.6	14	1	AR232861	ACCESSION:AR232861
C 447	9.8	13.4	15	1	BD066117	C 520	9.2	12.6	14	1	AR235515	ACCESSION:AR235515
C 448	9.8	13.4	15	1	BD217212	C 521	9.2	12.6	14	1	AR235549	ACCESSION:AR235549
C 449	9.4	12.9	11	1	AR002185	C 522	9.2	12.6	14	1	AX030156	ACCESSION:AX030156
C 450	9.4	12.9	11	1	AR030118	C 523	9.2	12.6	14	1	AX316477	ACCESSION:AX316477
C 451	9.4	12.9	11	1	AR171021	C 524	9.2	12.6	14	1	BD066618	ACCESSION:BD066618
C 452	9.4	12.9	11	1	AR171022	C 525	9.2	12.6	14	1	ATH525954	ACCESSION:ATH525954
C 453	9.4	12.9	11	1	AR301478	C 526	9.2	12.6	17	1	AX263168	ACCESSION:AX263168
C 454	9.4	12.9	11	1	AR301698	C 527	9.2	12.6	17	1	AX263169	ACCESSION:AX263169
C 455	9.4	12.9	11	1	AX063618	C 528	9	12.3	9	1	AX350491	ACCESSION:AX350491
C 456	9.4	12.9	11	1	AX063619	C 529	9	12.3	9	1	AX805898	ACCESSION:AX805898
C 457	9.4	12.9	11	1	AX085766	C 530	9	12.3	10	1	BD239103	ACCESSION:BD239103
C 458	9.4	12.9	11	1	AX394510	C 531	9	12.3	10	1	BD239908	ACCESSION:BD239908
C 459	9.4	12.9	11	1	AX394517	C 532	9	12.3	10	1	BD240077	ACCESSION:BD240077
C 460	9.4	12.9	11	1	AX470497	C 533	9	12.3	10	1	AR287774	ACCESSION:AR287774
C 461	9.4	12.9	11	1	AX471065	C 534	9	12.3	10	1	AR303335	ACCESSION:AR303335
C 462	9.4	12.9	11	1	AX471213	C 535	9	12.3	10	1	AR303355	ACCESSION:AR303355
C 463	9.4	12.9	11	1	AX471469	C 536	9	12.3	10	1	AR303418	ACCESSION:AR303418
C 464	9.4	12.9	11	1	AX471505	C 537	9	12.3	10	1	AX152729	ACCESSION:AX152729
C 465	9.4	12.9	11	1	AX472101	C 538	9	12.3	10	1	AX301523	ACCESSION:AX301523
C 466	9.4	12.9	11	1	AX623518	C 539	9	12.3	10	1	BD081743	ACCESSION:BD081743
C 467	9.4	12.9	11	1	AX623679	C 540	9	12.3	10	1	BD166487	ACCESSION:BD166487
C 468	9.4	12.9	11	1	AX623764	C 541	9	12.3	11	1	AL10043	ACCESSION:AL10043
C 469	9.4	12.9	11	1	AX624279	C 542	9	12.3	11	1	AL17133	ACCESSION:AL17133
C 470	9.4	12.9	11	1	AX624979	C 543	9	12.3	11	1	AL18073	ACCESSION:AL18073
C 471	9.4	12.9	11	1	AX625051	C 544	9	12.3	11	1	AL19998	ACCESSION:AL19998

545	9	12.3	11	1	AR027517	618	8.4	11.5	10	1	AI15909	ACCESSION:AR027517
546	9	12.3	11	1	AR029945	619	8.4	11.5	10	1	AI15910	ACCESSION:AR029945
547	9	12.3	11	1	AR029971	C 620	8.4	11.5	10	1	A43121	ACCESSION:A43121
548	9	12.3	11	1	AR030007	621	8.4	11.5	10	1	A56789	ACCESSION:A56789
C 549	9	12.3	11	1	AR045253	622	8.4	11.5	10	1	AR029879	ACCESSION:AR029879
C 550	9	12.3	11	1	BD244488	C 623	8.4	11.5	10	1	AR029882	ACCESSION:AR029882
C 551	9	12.3	11	1	I13187	624	8.4	11.5	10	1	AR078527	ACCESSION:AR078527
C 552	9	12.3	11	1	I52305	625	8.4	11.5	10	1	AR107765	ACCESSION:AR107765
C 553	9	12.3	11	1	AR301641	626	8.4	11.5	10	1	AR124564	ACCESSION:AR124564
C 554	9	12.3	11	1	AX470760	627	8.4	11.5	10	1	AR124569	ACCESSION:AR124569
C 555	9	12.3	11	1	AX471385	628	8.4	11.5	10	1	AR143739	ACCESSION:AR143739
C 556	9	12.3	11	1	AX64067	C 629	8.4	11.5	10	1	BD239838	ACCESSION:BD239838
C 557	9	12.3	11	1	AX64265	C 630	8.4	11.5	10	1	BD239888	ACCESSION:BD239888
C 558	9	12.3	11	1	AX624649	631	8.4	11.5	10	1	BD239008	ACCESSION:BD239008
C 559	9	12.3	11	1	AX624696	C 632	8.4	11.5	10	1	BD239120	ACCESSION:BD239120
C 560	9	12.3	11	1	AX625006	C 633	8.4	11.5	10	1	BD239385	ACCESSION:BD239385
C 561	9	12.3	11	1	AX626309	C 634	8.4	11.5	10	1	BD239466	ACCESSION:BD239466
C 562	9	12.3	11	1	AX626723	635	8.4	11.5	10	1	BD239517	ACCESSION:BD239517
C 563	9	12.3	11	1	AX628126	C 636	8.4	11.5	10	1	BD239700	ACCESSION:BD239700
C 564	9	12.3	11	1	AX629268	C 637	8.4	11.5	10	1	BD239835	ACCESSION:BD239835
C 565	9	12.3	11	1	AX631488	C 638	8.4	11.5	10	1	BD240081	ACCESSION:BD240081
C 566	9	12.3	11	1	AX631686	639	8.4	11.5	10	1	BD240153	ACCESSION:BD240153
C 567	9	12.3	11	1	AX632070	C 640	8.4	11.5	10	1	BD240199	ACCESSION:BD240199
C 568	9	12.3	11	1	AX632117	641	8.4	11.5	10	1	BD240201	ACCESSION:BD240201
C 569	9	12.3	11	1	AX632427	642	8.4	11.5	10	1	BD240256	ACCESSION:BD240256
C 570	9	12.3	11	1	BD124391	643	8.4	11.5	10	1	BD240400	ACCESSION:BD240400
C 571	9	12.3	12	1	AR101000	644	8.4	11.5	10	1	BD262926	ACCESSION:BD262926
C 572	9	12.3	12	1	E17218	645	8.4	11.5	10	1	E39702	ACCESSION:E39702
C 573	9	12.3	12	1	I04181	646	8.4	11.5	10	1	E54712	ACCESSION:E54712
C 574	9	12.3	12	1	AR371433	647	8.4	11.5	10	1	I84353	ACCESSION:I84353
C 575	9	12.3	12	1	AX003295	648	8.4	11.5	10	1	AR204561	ACCESSION:AR204561
C 576	9	12.3	13	1	A91655	649	8.4	11.5	10	1	AR222951	ACCESSION:AR222951
C 577	9	12.3	13	1	AR026410	650	8.4	11.5	10	1	AR224206	ACCESSION:AR224206
C 578	9	12.3	13	1	AR052586	C 651	8.4	11.5	10	1	AR234527	ACCESSION:AR234527
C 579	9	12.3	13	1	BD235098	652	8.4	11.5	10	1	AR235351	ACCESSION:AR235351
C 580	9	12.3	13	1	I25578	653	8.4	11.5	10	1	AR266766	ACCESSION:AR266766
C 581	9	12.3	13	1	I34897	654	8.4	11.5	10	1	AR269057	ACCESSION:AR269057
C 582	9	12.3	13	1	I83518	655	8.4	11.5	10	1	AR282626	ACCESSION:AR282626
C 583	9	12.3	13	1	AR382729	656	8.4	11.5	10	1	AR322140	ACCESSION:AR322140
C 584	9	12.3	13	1	AX009169	657	8.4	11.5	10	1	AR344956	ACCESSION:AR344956
C 585	9	12.3	13	1	BD023437	C 658	8.4	11.5	10	1	AR351850	ACCESSION:AR351850
C 586	9	12.3	13	1	BD064831	C 659	8.4	11.5	10	1	AR351854	ACCESSION:AR351854
C 587	8.8	12.1	12	1	AR029976	660	8.4	11.5	10	1	AX008571	ACCESSION:AX008571
C 588	8.8	12.1	12	1	AR029998	C 661	8.4	11.5	10	1	AX113012	ACCESSION:AX113012
C 589	8.8	12.1	12	1	AR030038	662	8.4	11.5	10	1	AX113017	ACCESSION:AX113017
C 590	8.8	12.1	12	1	AR030048	C 663	8.4	11.5	10	1	AX152664	ACCESSION:AX152664
C 591	8.8	12.1	12	1	AR030060	C 664	8.4	11.5	10	1	AX301537	ACCESSION:AX301537
C 592	8.8	12.1	12	1	AR030070	C 665	8.4	11.5	10	1	AX301641	ACCESSION:AX301641
C 593	8.8	12.1	12	1	AR030074	C 666	8.4	11.5	10	1	AX326206	ACCESSION:AX326206
C 594	8.8	12.1	12	1	AR058453	C 667	8.4	11.5	10	1	AX391459	ACCESSION:AX391459
C 595	8.8	12.1	12	1	AR058620	C 668	8.4	11.5	10	1	AX668210	ACCESSION:AX668210
C 596	8.8	12.1	12	1	I58341	C 669	8.4	11.5	10	1	AX668214	ACCESSION:AX668214
C 597	8.8	12.1	12	1	AR214799	C 670	8.4	11.5	10	1	BD065211	ACCESSION:BD065211
C 598	8.8	12.1	12	1	AR222376	671	8.4	11.5	10	1	BD065232	ACCESSION:BD065232
C 599	8.8	12.1	12	1	AX068118	672	8.4	11.5	10	1	BD083272	ACCESSION:BD083272
C 600	8.8	12.1	12	1	AX211687	673	8.4	11.5	10	1	BD091126	ACCESSION:BD091126
C 601	8.8	12.1	12	1	BD003364	C 674	8.4	11.5	10	1	BD166725	ACCESSION:BD166725
C 602	8.8	12.1	13	1	AR030145	675	8.4	11.5	10	1	BD166756	ACCESSION:BD166756
C 603	8.8	12.1	13	1	AR119104	C 676	8.4	11.5	10	1	BD166917	ACCESSION:BD166917
C 604	8.8	12.1	13	1	AR174810	677	8.4	11.5	10	1	BD166956	ACCESSION:BD166956
C 605	8.8	12.1	13	1	E32293	678	8.4	11.5	10	1	BD167130	ACCESSION:BD167130
C 606	8.8	12.1	13	1	I06780	C 679	8.4	11.5	11	1	A46920	ACCESSION:A46920
C 607	8.8	12.1	13	1	I07132	680	8.4	11.5	11	1	A49097	ACCESSION:A49097
C 608	8.8	12.1	13	1	I07401	681	8.4	11.5	11	1	AR029875	ACCESSION:AR029875
C 609	8.8	12.1	13	1	I07587	682	8.4	11.5	11	1	AR029910	ACCESSION:AR029910
C 610	8.8	12.1	13	1	I79843	683	8.4	11.5	11	1	AR029932	ACCESSION:AR029932
C 611	8.8	12.1	13	1	AR305534	C 684	8.4	11.5	11	1	AR030246	ACCESSION:AR030246
C 612	8.8	12.1	13	1	AR364960	685	8.4	11.5	11	1	AR091412	ACCESSION:AR091412
C 613	8.8	12.1	13	1	AX164572	686	8.4	11.5	11	1	AR091426	ACCESSION:AR091426
C 614	8.8	12.1	13	1	AX164573	C 687	8.4	11.5	11	1	AR097609	ACCESSION:AR097609
C 615	8.8	12.1	13	1	AX571849	688	8.4	11.5	11	1	AR125617	ACCESSION:AR125617
C 616	8.8	12.1	13	1	AX752152	689	8.4	11.5	11	1	AR125631	ACCESSION:AR125631
C 617	8.8	12.1	13	1	ATH520517	690	8.4	11.5	11	1	I03845	ACCESSION:I03845

591	8.4	11.5	11	1	103848	ACCESSION:103848	C 764	8.4	11.5	11	1	AX627143	ACCESSION:AX627143
592	8.4	11.5	11	1	103851	ACCESSION:103851	C 765	8.4	11.5	11	1	AX627247	ACCESSION:AX627247
593	8.4	11.5	11	1	103854	ACCESSION:103854	C 766	8.4	11.5	11	1	AX627308	ACCESSION:AX627308
594	8.4	11.5	11	1	138545	ACCESSION:138545	C 767	8.4	11.5	11	1	AX627525	ACCESSION:AX627525
595	8.4	11.5	11	1	138546	ACCESSION:138546	C 768	8.4	11.5	11	1	AX627553	ACCESSION:AX627553
596	8.4	11.5	11	1	138547	ACCESSION:138547	C 769	8.4	11.5	11	1	AX627611	ACCESSION:AX627611
597	8.4	11.5	11	1	138549	ACCESSION:138549	C 770	8.4	11.5	11	1	AX627751	ACCESSION:AX627751
598	8.4	11.5	11	1	158630	ACCESSION:158630	C 771	8.4	11.5	11	1	AX627814	ACCESSION:AX627814
599	8.4	11.5	11	1	163528	ACCESSION:163528	C 772	8.4	11.5	11	1	AX628150	ACCESSION:AX628150
600	8.4	11.5	11	1	AR207570	ACCESSION:AR207570	C 773	8.4	11.5	11	1	AX628162	ACCESSION:AX628162
701	8.4	11.5	11	1	AR266648	ACCESSION:AR266648	C 774	8.4	11.5	11	1	AX628235	ACCESSION:AX628235
702	8.4	11.5	11	1	AR364706	ACCESSION:AR364706	C 775	8.4	11.5	11	1	AX628920	ACCESSION:AX628920
703	8.4	11.5	11	1	AX391082	ACCESSION:AX391082	C 776	8.4	11.5	11	1	AX628925	ACCESSION:AX628925
704	8.4	11.5	11	1	AX391201	ACCESSION:AX391201	C 777	8.4	11.5	11	1	AX629020	ACCESSION:AX629020
705	8.4	11.5	11	1	AX393234	ACCESSION:AX393234	C 778	8.4	11.5	11	1	AX629021	ACCESSION:AX629021
706	8.4	11.5	11	1	AX470425	ACCESSION:AX470425	C 779	8.4	11.5	11	1	AX629302	ACCESSION:AX629302
707	8.4	11.5	11	1	AX470495	ACCESSION:AX470495	C 780	8.4	11.5	11	1	AX629312	ACCESSION:AX629312
708	8.4	11.5	11	1	AX470514	ACCESSION:AX470514	C 781	8.4	11.5	11	1	AX629441	ACCESSION:AX629441
709	8.4	11.5	11	1	AX470551	ACCESSION:AX470551	C 782	8.4	11.5	11	1	AX629553	ACCESSION:AX629553
710	8.4	11.5	11	1	AX470586	ACCESSION:AX470586	C 783	8.4	11.5	11	1	AX629768	ACCESSION:AX629768
711	8.4	11.5	11	1	AX470593	ACCESSION:AX470593	C 784	8.4	11.5	11	1	AX629961	ACCESSION:AX629961
712	8.4	11.5	11	1	AX470627	ACCESSION:AX470627	C 785	8.4	11.5	11	1	AX630061	ACCESSION:AX630061
713	8.4	11.5	11	1	AX470776	ACCESSION:AX470776	C 786	8.4	11.5	11	1	AX630240	ACCESSION:AX630240
714	8.4	11.5	11	1	AX470874	ACCESSION:AX470874	C 787	8.4	11.5	11	1	AX630523	ACCESSION:AX630523
715	8.4	11.5	11	1	AX470961	ACCESSION:AX470961	C 788	8.4	11.5	11	1	AX630661	ACCESSION:AX630661
716	8.4	11.5	11	1	AX471036	ACCESSION:AX471036	C 789	8.4	11.5	11	1	AX630771	ACCESSION:AX630771
717	8.4	11.5	11	1	AX471173	ACCESSION:AX471173	C 790	8.4	11.5	11	1	AX631041	ACCESSION:AX631041
718	8.4	11.5	11	1	AX471239	ACCESSION:AX471239	C 791	8.4	11.5	11	1	AX631136	ACCESSION:AX631136
719	8.4	11.5	11	1	AX471444	ACCESSION:AX471444	C 792	8.4	11.5	11	1	AX631253	ACCESSION:AX631253
720	8.4	11.5	11	1	AX471496	ACCESSION:AX471496	C 793	8.4	11.5	11	1	AX631294	ACCESSION:AX631294
721	8.4	11.5	11	1	AX471645	ACCESSION:AX471645	C 794	8.4	11.5	11	1	AX631616	ACCESSION:AX631616
722	8.4	11.5	11	1	AX471853	ACCESSION:AX471853	C 795	8.4	11.5	11	1	AX631926	ACCESSION:AX631926
723	8.4	11.5	11	1	AX623102	ACCESSION:AX623102	C 796	8.4	11.5	11	1	AX631982	ACCESSION:AX631982
724	8.4	11.5	11	1	AX623240	ACCESSION:AX623240	C 797	8.4	11.5	11	1	AX632085	ACCESSION:AX632085
725	8.4	11.5	11	1	AX623350	ACCESSION:AX623350	C 798	8.4	11.5	11	1	AX632101	ACCESSION:AX632101
726	8.4	11.5	11	1	AX623620	ACCESSION:AX623620	C 799	8.4	11.5	11	1	AX632218	ACCESSION:AX632218
727	8.4	11.5	11	1	AX623715	ACCESSION:AX623715	C 800	8.4	11.5	11	1	AX632421	ACCESSION:AX632421
728	8.4	11.5	11	1	AX623832	ACCESSION:AX623832	C 801	8.4	11.5	11	1	AX632504	ACCESSION:AX632504
729	8.4	11.5	11	1	AX623873	ACCESSION:AX623873	C 802	8.4	11.5	11	1	AX632580	ACCESSION:AX632580
730	8.4	11.5	11	1	AX624195	ACCESSION:AX624195	C 803	8.4	11.5	11	1	AX632616	ACCESSION:AX632616
731	8.4	11.5	11	1	AX624505	ACCESSION:AX624505	C 804	8.4	11.5	11	1	AX632625	ACCESSION:AX632625
732	8.4	11.5	11	1	AX624561	ACCESSION:AX624561	C 805	8.4	11.5	11	1	AX772264	ACCESSION:AX772264
733	8.4	11.5	11	1	AX624664	ACCESSION:AX624664	C 806	8.4	11.5	11	1	BD174946	ACCESSION:BD174946
734	8.4	11.5	11	1	AX624680	ACCESSION:AX624680	C 807	8.4	11.5	11	1	AJ588245	ACCESSION:AJ588245
735	8.4	11.5	11	1	AX624797	ACCESSION:AX624797	C 808	8.4	11.5	11	1	AJ594899	ACCESSION:AJ594899
736	8.4	11.5	11	1	AX625000	ACCESSION:AX625000	C 809	8.4	11.5	12	1	A15615	ACCESSION:A15615
737	8.4	11.5	11	1	AX625083	ACCESSION:AX625083	C 810	8.4	11.5	12	1	AR030126	ACCESSION:AR030126
738	8.4	11.5	11	1	AX625159	ACCESSION:AX625159	C 811	8.4	11.5	12	1	AR074196	ACCESSION:AR074196
739	8.4	11.5	11	1	AX625195	ACCESSION:AX625195	C 812	8.4	11.5	12	1	AR082930	ACCESSION:AR082930
740	8.4	11.5	11	1	AX625204	ACCESSION:AX625204	C 813	8.4	11.5	12	1	AR083488	ACCESSION:AR083488
741	8.4	11.5	11	1	AX625434	ACCESSION:AX625434	C 814	8.4	11.5	12	1	AR094984	ACCESSION:AR094984
742	8.4	11.5	11	1	AX625439	ACCESSION:AX625439	C 815	8.4	11.5	12	1	AR101001	ACCESSION:AR101001
743	8.4	11.5	11	1	AX625739	ACCESSION:AX625739	C 816	8.4	11.5	12	1	BD242522	ACCESSION:BD242522
744	8.4	11.5	11	1	AX625853	ACCESSION:AX625853	C 817	8.4	11.5	12	1	I20441	ACCESSION:I20441
745	8.4	11.5	11	1	AX625946	ACCESSION:AX625946	C 818	8.4	11.5	12	1	I33672	ACCESSION:I33672
746	8.4	11.5	11	1	AX626046	ACCESSION:AX626046	C 819	8.4	11.5	12	1	AR199330	ACCESSION:AR199330
747	8.4	11.5	11	1	AX626097	ACCESSION:AX626097	C 820	8.4	11.5	12	1	AR217447	ACCESSION:AR217447
748	8.4	11.5	11	1	AX626325	ACCESSION:AX626325	C 821	8.4	11.5	12	1	AR218380	ACCESSION:AR218380
749	8.4	11.5	11	1	AX626384	ACCESSION:AX626384	C 822	8.4	11.5	12	1	AR371434	ACCESSION:AR371434
750	8.4	11.5	11	1	AX626518	ACCESSION:AX626518	C 823	8.4	11.5	12	1	AX032558	ACCESSION:AX032558
751	8.4	11.5	11	1	AX626672	ACCESSION:AX626672	C 824	8.4	11.5	12	1	AX098957	ACCESSION:AX098957
752	8.4	11.5	11	1	AX626739	ACCESSION:AX626739	C 825	8.4	11.5	12	1	AX136982	ACCESSION:AX136982
753	8.4	11.5	11	1	AX626768	ACCESSION:AX626768	C 826	8.4	11.5	12	1	AX283295	ACCESSION:AX283295
754	8.4	11.5	11	1	AX626775	ACCESSION:AX626775	C 827	8.4	11.5	12	1	AX351123	ACCESSION:AX351123
755	8.4	11.5	11	1	AX626792	ACCESSION:AX626792	C 828	8.4	11.5	12	1	AX766766	ACCESSION:AX766766
756	8.4	11.5	11	1	AX626855	ACCESSION:AX626855	C 829	8.4	11.5	12	1	BD175829	ACCESSION:BD175829
757	8.4	11.5	11	1	AX626863	ACCESSION:AX626863							
758	8.4	11.5	11	1	AX626871	ACCESSION:AX626871							
759	8.4	11.5	11	1	AX626895	ACCESSION:AX626895							
760	8.4	11.5	11	1	AX626923	ACCESSION:AX626923							
761	8.4	11.5	11	1	AX627018	ACCESSION:AX627018							
762	8.4	11.5	11	1	AX627095	ACCESSION:AX627095							

ALIGNMENTS

LOCUS AR096383 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 54 from patent US 6007995.
ACCESSION AR096383
VERSION AR096383.1 GI:10025142
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 54 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTTTGGCTTTG 923
Db 18 CATTTCCTTTGGCTTTG 1

RESULT 2
LOCUS AR096384/c
DEFINITION Sequence 55 from patent US 6007995.
ACCESSION AR096384
VERSION AR096384.1 GI:10025144
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 55 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 911 TCCTTGGCTTTGGCTTT 928
Db 18 TCCTTGGCTTTGGCTTT 1

RESULT 3
LOCUS AR096385/c
DEFINITION Sequence 56 from patent US 6007995.
ACCESSION AR096385
VERSION AR096385.1 GI:10025146
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 56 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCT 938
Db 18 TTGCCTTTTATCCCTCT 1

RESULT 4
LOCUS AR096386/c
DEFINITION Sequence 57 from patent US 6007995.
ACCESSION AR096386
VERSION AR096386.1 GI:10025147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 57 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
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Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCATTG 946
Db 18 TATCCCTCTCTTCATTG 1

RESULT 5
LOCUS AR096387/c
DEFINITION Sequence 58 from patent US 6007995.
ACCESSION AR096387
VERSION AR096387.1 GI:10025148
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 58 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
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Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTAA 952
Db 18 TCCTCTTCATTGGTTAA 1

RESULT 6
LOCUS AR096388/c
DEFINITION Sequence 59 from patent US 6007995.
ACCESSION AR096388
VERSION AR096388.1 GI:10025150
KEYWORDS
SOURCE Unknown.

LOCUS AR096383 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 54 from patent US 6007995.
ACCESSION AR096383
VERSION AR096383.1 GI:10025142
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 54 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCT 938
Db 18 TTGCCTTTTATCCCTCT 1

RESULT 4
LOCUS AR096386/c
DEFINITION Sequence 57 from patent US 6007995.
ACCESSION AR096386
VERSION AR096386.1 GI:10025147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 57 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCTCTTCATTG 946
Db 18 TATCCCTCTCTTCATTG 1

RESULT 5
LOCUS AR096387/c
DEFINITION Sequence 58 from patent US 6007995.
ACCESSION AR096387
VERSION AR096387.1 GI:10025148
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 58 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTAA 952
Db 18 TCCTCTTCATTGGTTAA 1

RESULT 6
LOCUS AR096388/c
DEFINITION Sequence 59 from patent US 6007995.
ACCESSION AR096388
VERSION AR096388.1 GI:10025150
KEYWORDS
SOURCE Unknown.

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ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense inhibition of TNFR1 expression
JOURNAL Patent: US 6007995-A 59 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No.15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 952 ATGTATCGTACCAACGG 969
Db 18 ATGTATCGTACCAACGG 1

RESULT 7
BD217431/c
LOCUS BD217431 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217431
VERSION BD217431.1 GI:33027201
KEYWORDS JP 2002519015-A/54.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 54 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/54
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER,LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00,PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
FEATURES
source Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No.15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCCTTGGCTTT 928
Db 18 TCTTTGGTCCTTGGCTTT 1

RESULT 9
BD217433/c
LOCUS BD217433 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217433
VERSION BD217433.1 GI:33027203
KEYWORDS JP 2002519015-A/56.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowser,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 56 02-JUL-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/56
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER,LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00,PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
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source Location/Qualifiers
1..18
/organism="unidentified"
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/db_xref="taxon:32644"

Query Match 24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No.15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 906 CATTTTCTTTGGTCTTTG 923
Db 18 CATTTTCTTTGGTCTTTG 1

RESULT 8
BD217432/c
LOCUS BD217432 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217432
VERSION BD217432.1 GI:33027202
KEYWORDS JP 2002519015-A/55.

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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCGCTTTATCCCTCTCT 938
Db 18 TTGCGCTTTATCCCTCTCT 1

RESULT 10
BD217434/c
LOCUS BD217434 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217434
VERSION BD217434.1 GI:33027204
KEYWORDS JP 2002519015-A/57.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowsert,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 57 02-JUL-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002519015-A/57
PD 02-JUL-2002
PR 17-JUN-1999 JP 2000557265
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
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source
Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTAA 952
Db 18 TCCTCTTCATTGGTTAA 1

RESULT 12
BD217436/c
LOCUS BD217436 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217436
VERSION BD217436.1 GI:33027206
KEYWORDS JP 2002519015-A/59.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowsert,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 59 02-JUL-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002519015-A/59
PD 02-JUL-2002
PR 17-JUN-1999 JP 2000557265
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
FEATURES
source
Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCCCTTCATTG 946
Db 18 TATCCCTCCCTTCATTG 1

RESULT 11
BD217435/c
LOCUS BD217435 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217435
VERSION BD217435.1 GI:33027205
KEYWORDS JP 2002519015-A/58.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowsert,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 58 02-JUL-2002;
ISIS PHARMACEUTICALS INC
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OS Unidentified
PN JP 2002519015-A/58
PD 02-JUL-2002
PR 17-JUN-1999 JP 2000557265
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
FEATURES
source
Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTAA 952
Db 18 TCCTCTTCATTGGTTAA 1

RESULT 12
BD217436/c
LOCUS BD217436 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of TNFR1 expression.
ACCESSION BD217436
VERSION BD217436.1 GI:33027206
KEYWORDS JP 2002519015-A/59.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F. and Cowsert,L.M.
TITLE Antisense modulation of TNFR1 expression
JOURNAL Patent: JP 2002519015-A 59 02-JUL-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002519015-A/59
PD 02-JUL-2002
PR 17-JUN-1999 JP 2000557265
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P43/00, PC
C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source 1..18
/organism="Unidentified".
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source
Location/Qualifiers
1..18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      24.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 ATGATCGCTACCAACGG 969
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Best Local Similarity 94.1%; Pred. No. 46;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGCTTTG 923
Db 17 ATTTCTTTTGCTTTG 1

RESULT 18
AX641907/c
LOCUS AX641907
DEFINITION Sequence 14 from Patent WO02097065.
ACCESSION AX641907
VERSION AX641907.1 GI:28474542
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Johnson, P.A. and Wolowacz, R.G.
TITLE Remodeling of somatic nuclei upon addition of pluripotent cell
JOURNAL extracts
PATENT: WO 02097065-A 14 05-DEC-2002;
Intercytex Limited (GB)
FEATURES
source
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Synthetic oligonucleotide"

Query Match 20.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 56;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGCGCTTTTATCCCTCCTC 939
Db 20 TGTGCTTTTAAATCCCTCCTC 1

RESULT 19
AX707929/c
LOCUS AX707929
DEFINITION Sequence 14 from Patent WO03014337.
ACCESSION AX707929
VERSION AX707929.1 GI:29564000
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Andrews, P.W., Shering, A.F. and Flasz, M.A.
TITLE Fusion of cells
JOURNAL Patent: WO 03014337-A 14 20-FEB-2003;
Intercytex Limited (GB)
FEATURES
source
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Synthetic oligonucleotide"

Query Match 20.8%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 56;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGCGCTTTTATCCCTCCTC 939
Db 20 TGTGCTTTTAAATCCCTCCTC 1

RESULT 20
A66968/c

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LOCUS A66968
DEFINITION Sequence 135 from Patent WO9740193.
ACCESSION A66968
VERSION A66968.1 GI:4538339
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Stuyver, L., Rossau, R. and Maertens, G.
TITLE METHOD FOR TYPING AND DETECTING HBV
JOURNAL Patent: WO 9740193-A 135 30-OCT-1997;
INNOGENETICS NV (BE)
FEATURES
source
1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGCTTTG 923
Db 17 ATTTCTTTTGCTTTG 1

RESULT 21
AX076066/c
LOCUS AX076066
DEFINITION Sequence 42 from Patent WO0104358.
ACCESSION AX076066
VERSION AX076066.1 GI:12710719
KEYWORDS
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1
AUTHORS Stuyver, L., Maertens, G. and van Geyt, C.
TITLE Detection of anti-hepatitis B drug resistance
JOURNAL Patent: WO 0104358-A 42 18-JAN-2001;
INNOGENETICS N.V. (BE)
FEATURES
source
1..20
/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10407"

Query Match 20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGCTTTG 923
Db 17 ATTTCTTTTGCTTTG 1

RESULT 22
AX103472/c
LOCUS AX103472
DEFINITION Sequence 37 from Patent EP1104811.
ACCESSION AX103472
VERSION AX103472.1 GI:13919740
KEYWORDS
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1
AUTHORS Stuyver, L.
TITLE Hbv sequences
JOURNAL Patent: EP 1104811-A 37 06-JUN-2001;
INNOGENETICS N.V. (BE)

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FEATURES
  source
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      /organism="Hepatitis B virus"
      /mol_type="unassigned DNA"
      /db_xref="taxon:10407"

Query Match
  Best Local Similarity 20.5%; Score 15; DB 1; Length 20;
  Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGCTTTG 923
  |||||
Db 17 ATTTCTTTGCTTTG 1

RESULT 23
AX155625/c
LOCUS
  AX155625
  Sequence 37 from Patent WO0140279.
  Accession
  AX155625
  Version
  AX155625.1 GI:14536823
  Keywords
  Hepatitis B virus
  Organism
  Hepatitis B virus
  Viruses; Retroviridae; Orthohepadnavirus.

REFERENCE
  1
  Stuyver, L., van Geyt, C. and de Gendt, S.
  New hbv sequences
  Patent: WO 0140279-A 37 07-JUN-2001;
  JOURNAL
  INNOGENETICS N.V. (BE)

FEATURES
  source
    Location/Qualifiers
      1..20
      /organism="Hepatitis B virus"
      /mol_type="unassigned DNA"
      /db_xref="taxon:10407"

Query Match
  Best Local Similarity 20.5%; Score 15; DB 1; Length 20;
  Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGCTTTG 923
  |||||
Db 17 ATTTCTTTGCTTTG 1

RESULT 24
AR062097
LOCUS
  AR062097
  Sequence 180 from patent US 5843669.
  Accession
  AR062097
  Version
  AR062097.1 GI:5989788
  Keywords
  Unknown.
  Organism
  Unclassified.
  Reference
  1 (bases 1 to 21)
  Authors
  Kaiser, M.W., Lyamichev, V.I. and Lyamichev, N.
  Title
  Cleavage of nucleic acid using thermostable methanococcus
  jannaschii FEN-1 endonucleases
  Journal
  Patent: US 5843669-A 180 01-DEC-1998;
  Features
    Location/Qualifiers
      1..21
      /organism="unknown"
      /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
  Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTATCCCTCC 937
  |||||
Db 1 GCCTATGCCCTTTATCCCTCC 21

RESULT 25
AR089617
LOCUS
  AR089617
  Sequence 83 from patent US 5994069.
  Accession
  AR089617
  Version
  AR089617.1 GI:10016374
  Keywords
  Unknown.
  Organism
  Unknown.
  Reference
  1 (bases 1 to 21)
  Authors
  Hall, J.G., Lyamichev, V.I., Mast, A.L. and Brow, M. Ann.D.
  Title
  Detection of nucleic acids by multiple sequential invasive
  cleavages
  Journal
  Patent: US 5994069-A 83 30-NOV-1999;
  Features
    Location/Qualifiers
      1..21
      /organism="unknown"
      /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
  Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GTCTTTGCCCTTTATCCCTCC 937
  |||||
Db 1 GCCTATGCCCTTTATCCCTCC 21

RESULT 26
AR308294
LOCUS
  AR308294
  Sequence 12 from patent US 6555311.
  Accession
  AR308294
  Version
  AR308294.1 GI:31699687
  Keywords
  Unknown.
  Organism
  Unknown.
  Reference
  1 (bases 1 to 21)
  Authors
  Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and de Man, R.A.
  Title
  Viral variants and methods for detecting same
  Journal
  Patent: US 6555311-A 12 29-APR-2003;
  Features
    Location/Qualifiers
      1..21
      /organism="unknown"
      /mol_type="genomic DNA"

Query Match
  Best Local Similarity 20.0%; Score 14.6; DB 1; Length 21;
  Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTTCTTTGCTTTGCTTT 928
  |||||
Db 1 TTTTCTTTGCTTTGCTTT 21

RESULT 27
AR308298/c
LOCUS
  AR308298
  Sequence 16 from patent US 6555311.
  Accession
  AR308298
  Version
  AR308298.1 GI:31699691
  Keywords
  Unknown.
  Organism
  Unknown.
  Reference
  1 (bases 1 to 21)
  Authors
  Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and de Man, R.A.
  Title
  Viral variants and methods for detecting same
  Journal
  Patent: US 6555311-A 16 29-APR-2003;
  Features
    Location/Qualifiers

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source      1. .21
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      908 TTTTCTTTGGTCTTTCCTTT 928
Db      21 TTTTCTTTGGTCTTTCCTTT 1

RESULT 28
AR308973      21 bp      DNA      linear      PAT 12-JUN-2003
LOCUS
DEFINITION      Sequence 119 from patent US 6553357.
ACCESSION      AR308973
VERSION      AR308973.1 GI:31700729
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unclassified.
REFERENCE      1 (bases 1 to 21)
AUTHORS      Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
TITLE      FEN-1 endonuclease, mixtures and cleavage methods
JOURNAL      Patent: US 6553357-A 119 29-APR-2003;
FEATURES
source      Location/Qualifiers
            1. .21
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      917 GTCTTTCCTTTATCCCTCC 937
Db      1 GCCTATGCCCTTTATCCCTCC 21

RESULT 29
AR317104      21 bp      DNA      linear      PAT 17-AUG-2003
LOCUS
DEFINITION      Sequence 119 from patent US 6562611.
ACCESSION      AR317104
VERSION      AR317104.1 GI:33696340
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unclassified.
REFERENCE      1 (bases 1 to 21)
AUTHORS      Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
TITLE      FEN-1 endonucleases, mixtures and cleavage methods
JOURNAL      Patent: US 6562611-A 119 13-MAY-2003;
FEATURES
source      Location/Qualifiers
            1. .21
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      917 GTCTTTCCTTTATCCCTCC 937
Db      1 GCCTATGCCCTTTATCCCTCC 21

RESULT 30
AX029051      21 bp      DNA      linear      PAT 16-SEP-2000
LOCUS
DEFINITION      Sequence 12 from Patent WO9821317.
ACCESSION      AX029051
VERSION      AX029051.1 GI:10190043
KEYWORDS
SOURCE      Hepatitis B virus
ORGANISM      Hepatitis B virus
REFERENCE      1
AUTHORS      Bartholomeusz,A.I., Locarnini,S.A., Aye,T.T. and de Man,R.
TITLE      Viral variants and methods for detecting same
JOURNAL      Patent: WO 9821317-A 12 22-MAY-1998;
            BARTHOLOMEUSZ ANGELINE INGRID (AU) ; LOCARNINI STEPHEN ALISTER (AU)
            ; WESTERN HEALTH CARE NETWORK (AU) ; AYE THEIN THEIN (AU) ; MAN
            ROBERT A DE (AU)
FEATURES
source      Location/Qualifiers
            1. .21
            /organism="Hepatitis B virus"
            /mol_type="unassigned DNA"
            /db_xref="taxon:10407"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      908 TTTTCTTTGGTCTTTCCTTT 928
Db      1 TTTTCTTTGGTCTTTCCTTT 1

RESULT 31
AX029055/c      21 bp      DNA      linear      PAT 16-SEP-2000
LOCUS
DEFINITION      Sequence 16 from Patent WO9821317.
ACCESSION      AX029055
VERSION      AX029055.1 GI:10190043
KEYWORDS
SOURCE      Hepatitis B virus
ORGANISM      Hepatitis B virus
REFERENCE      1
AUTHORS      Bartholomeusz,A.I., Locarnini,S.A., Aye,T.T. and de Man,R.
TITLE      Viral variants and methods for detecting same
JOURNAL      Patent: WO 9821317-A 16 22-MAY-1998;
            BARTHOLOMEUSZ ANGELINE INGRID (AU) ; LOCARNINI STEPHEN ALISTER (AU)
            ; WESTERN HEALTH CARE NETWORK (AU) ; AYE THEIN THEIN (AU) ; MAN
            ROBERT A DE (AU)
FEATURES
source      Location/Qualifiers
            1. .21
            /organism="Hepatitis B virus"
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            /db_xref="taxon:10407"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      908 TTTTCTTTGGTCTTTCCTTT 928
Db      21 TTTTCTTTGGTCTTTCCTTT 1

RESULT 32
AX555488      21 bp      DNA      linear      PAT 27-NOV-2002
LOCUS
DEFINITION      Sequence 84 from Patent WO02070755.
ACCESSION      AX555488
VERSION      AX555488.1 GI:25898993
KEYWORDS
SOURCE      Pyrococcus woesei
ORGANISM      Pyrococcus woesei
REFERENCE      1
AUTHORS      Archaea; Euryarchaeota; Thermococci; Thermococcales;
            Thermococcaceae; Pyrococcus.
            Lyamichev,V.I., Kaiser,M.W. and Lyamicheva,N.
```

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TITLE      Fen endonucleases
JOURNAL    Patent: WO 02070755-A 84 12-SEP-2002;
           Third Wave Technologies, Inc. (US)
FEATURES   Location/Qualifiers
source     1..21
           /organism="Pyrococcus woesei"
           /mol_type="unassigned DNA"
           /db_xref="taxon:2262"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GCTCTTGGCTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 33
LOCUS      BD009336                21 bp    DNA    linear    PAT 31-JAN-2002
DEFINITION Viral variants and methods for detecting same.
ACCESSION  BD009336
VERSION     BD009336.1 GI:18637709
KEYWORDS   JP 2001503277-A/12.
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 21)
AUTHORS   Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and Man, R.A.D.
TITLE      Viral variants and methods for detecting same
JOURNAL    Patent: JP 2001503277-A 12 13-MAR-2001;
           NORTH WESTERN HEALTH CARE NETWORK
COMMENT    OS Hepatitis virus (hepatitis B virus)
           PN JP 2001503277-A/12
           PD 13-MAR-2001
           PR 15-AUG-1997 JP 1998521944
           PR 08-NOV-1996 AU PO 3519
           PI STEPHEN ALISTER LOCARNINI, ANGELINE INGRID BARTHOLOMEUSZ, PI
           THEIN THEIN AYE,
           PI ROBERT A DE MAN
           PC C12N7/01, C12N7/00, C12N15/36, C12N15/54, C07K14/02 CC
           FH Key
           FT source
           FT /organism='Hepatitis virus (hepatitis B virus)'

FEATURES   Location/Qualifiers
source     1..21
           /organism="unidentified"
           /mol_type="genomic DNA"
           /db_xref="taxon:32644"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTCTTTGGCTTTGCTTT 928
Db 1 TTTCTTTTGTCTTTGGGTAT 1

RESULT 35
LOCUS      BD095897                21 bp    DNA    linear    PAT 27-AUG-2002
DEFINITION FEN-1 endonucleases, mixtures and cleavage methods.
ACCESSION  BD095897
VERSION     BD095897.1 GI:22641485
KEYWORDS   JP 2001526526-A/110.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 21)
AUTHORS   Kaiser, M.W., Lyamichiev, V.I. and Lyamichieva, N.
TITLE      FEN-1 endonucleases, mixtures and cleavage methods
JOURNAL    Patent: JP 2001526526-A 110 18-DEC-2001;
           THIRD WAVE TECHNOLOGIES INC
COMMENT    OS Artificial Sequence
           PN JP 2001526526-A/110
           PD 18-DEC-2001
           PR 29-NOV-1997 JP 1998524043
           PR 26-NOV-1996 US 08/757653, 02-DEC-1996 US 08/758314 PI
           MICHAEL W KAISER, VICTOR I LYAMICHEV, NATASHA LYAMICHEVA PC
           C1201/34, C1201/44, C1201/68, C12P19/34, C12N15/00, C12N1/20 PC
           C12N15/09, C07K1/00,
           PC C07H21/02, C07H21/04
           CC Description of Artificial Sequence: Synthetic FH Key
           FT source
           FT /organism='Artificial Sequence'.

FEATURES   Location/Qualifiers
source     1..21
           /organism="synthetic construct"
           /mol_type="genomic DNA"
           /db_xref="taxon:32630"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GCTCTTGGCTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

RESULT 34
LOCUS      BD009340/c                21 bp    DNA    linear    PAT 31-JAN-2002
DEFINITION Viral variants and methods for detecting same.
ACCESSION  BD009340
VERSION     BD009340.1 GI:18637713
KEYWORDS   JP 2001503277-A/16.
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 21)
AUTHORS   Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and Man, R.A.D.

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TITLE      Viral variants and methods for detecting same
JOURNAL    Patent: JP 2001503277-A 16 13-MAR-2001;
           NORTH WESTERN HEALTH CARE NETWORK
COMMENT    OS Hepatitis virus (hepatitis B virus)
           PN JP 2001503277-A/16
           PD 13-MAR-2001
           PF 15-AUG-1997 JP 1998521944
           PF 08-NOV-1996 AU PO 3519
           PI STEPHEN ALISTER LOCARNINI, ANGELINE INGRID BARTHOLOMEUSZ, PI
           THEIN THEIN AYE,
           PI ROBERT A DE MAN
           PC C12N7/01, C12N7/00, C12N15/36, C12N15/54, C07K14/02 CC
           FH Key
           FT source
           FT /organism='Hepatitis virus (hepatitis B virus)'

FEATURES   Location/Qualifiers
source     1..21
           /organism="unidentified"
           /mol_type="genomic DNA"
           /db_xref="taxon:32644"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTCTTTGGCTTTGCTTT 928
Db 1 TTTCTTTTGTCTTTGGGTAT 1

RESULT 35
LOCUS      BD095897                21 bp    DNA    linear    PAT 27-AUG-2002
DEFINITION FEN-1 endonucleases, mixtures and cleavage methods.
ACCESSION  BD095897
VERSION     BD095897.1 GI:22641485
KEYWORDS   JP 2001526526-A/110.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 21)
AUTHORS   Kaiser, M.W., Lyamichiev, V.I. and Lyamichieva, N.
TITLE      FEN-1 endonucleases, mixtures and cleavage methods
JOURNAL    Patent: JP 2001526526-A 110 18-DEC-2001;
           THIRD WAVE TECHNOLOGIES INC
COMMENT    OS Artificial Sequence
           PN JP 2001526526-A/110
           PD 18-DEC-2001
           PR 29-NOV-1997 JP 1998524043
           PR 26-NOV-1996 US 08/757653, 02-DEC-1996 US 08/758314 PI
           MICHAEL W KAISER, VICTOR I LYAMICHEV, NATASHA LYAMICHEVA PC
           C1201/34, C1201/44, C1201/68, C12P19/34, C12N15/00, C12N1/20 PC
           C12N15/09, C07K1/00,
           PC C07H21/02, C07H21/04
           CC Description of Artificial Sequence: Synthetic FH Key
           FT source
           FT /organism='Artificial Sequence'.

FEATURES   Location/Qualifiers
source     1..21
           /organism="synthetic construct"
           /mol_type="genomic DNA"
           /db_xref="taxon:32630"

Query Match      20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 GCTCTTGGCTTTATCCCTCC 937
Db 1 GCCTATGCCCTTTATTCCTCC 21

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RESULT 36
AX736729 17 bp DNA linear PAT 08-MAY-2003
LOCUS
DEFINITION Sequence 2319 from Patent WO03025177.
ACCESSION AX736729
VERSION AX736729.1 GI:30516017
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1
AUTHORS Teitelman, A., Anson, R., and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 2319 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 60;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CY 930 ATCCCTCTCTTCTATT 945
Db 2 ATCCCTCTCTTCTATT 17
LOCUS AR093039 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 134 from patent US 5998383.
ACCESSION AR093039
VERSION AR093039.1 GI:10019791
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wright, J.A. and Young, A.H.
TITLE Antitumor antisense sequences directed against ribonucleotide
reductase
JOURNAL Patent: US 5998383-A 134 07-DEC-1999;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CY 908 TTTTCTTTGGTCTTTG 923
Db 18 TTTTCTTTGGTCTTTG 3
LOCUS AR359541 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 134 from patent US 6593305.
ACCESSION AR359541
VERSION AR359541.1 GI:33766264
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Wright, J.A.
TITLE Antitumor antisense sequences directed against R1 and R2 components
of ribonucleotide reductase
JOURNAL Patent: US 6593305-A 134 15-JUL-2003;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"
Query Match 19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CY 908 TTTTCTTTGGTCTTTG 923
Db 18 TTTTCTTTGGTCTTTG 3
LOCUS AX151166 20 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 55 from Patent WO0138498.
ACCESSION AX151166
VERSION AX151166.1 GI:14533340
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Stuyver, L., Schinazi, R., de Gendt, S., van Geyt, C., Zoulim, F.,
Fried, M., and Rossau, R.
TITLE A new genotype of hepatitis B virus
JOURNAL Patent: WO 0138498-A 55 31-MAY-2001;
Pharmasset, Inc. (US); INNOGENETICS N.V. (BE)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="n = a or g"
Query Match 19.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
CY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1
LOCUS AX202051 19 bp DNA linear PAT 30-AUG-2001
DEFINITION Sequence 4 from Patent WO0153525.
ACCESSION AX202051
VERSION AX202051.1 GI:15391834
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Refseth, U.H. and Kolpus, T.G.
TITLE Cell isolation method
JOURNAL Patent: WO 0153525-A 4 26-JUL-2001;
Genpoint AS (NO)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

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Query Match      19.5%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 70;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTTCTTCATTCGTTTAATGT 955
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Db 19 CTCTTCCTGGGGTTAATGT 1

RESULT 41
E15988/c
LOCUS E15988 20 bp DNA linear PAT 28-JUL-1999
DEFINITION Oligonucleotide which modulates expression, production or reception
of hepatocyte growth factor or expression of c-Met.
ACCESSION E15988
VERSION E15988.1 GI:5710671
KEYWORDS JP 1998127286-A/13.
SOURCE unclassified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 20)
AUTHORS Ishikawa,T., Shigenatsu,T. and Yamamoto,A.
TITLE OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
JOURNAL Patent: JP 1998127286-A 13 19-MAY-1998;
TERUMO CORP
COMMENT OS None
OC Artificial sequences.
PN JP 1998127286-A/13
PD 19-MAY-1998
PF 01-NOV-1996 JP 1996291499
PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC
CI2N15/09,A61K31/70,A61K31/70,C07H21/04;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key
FT source
FT 1..20
/organism="Artificial sequences".

FEATURES
source
1..20
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      19.5%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCTCCTCTTC 942
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Db 19 CCTTTCTCCTCTCCCTTC 1

RESULT 42
E15990
LOCUS E15990 20 bp DNA linear PAT 28-JUL-1999
DEFINITION Oligonucleotide which modulates expression, production or reception
of hepatocyte growth factor or expression of c-Met.
ACCESSION E15990
VERSION E15990.1 GI:5710673
KEYWORDS JP 1998127286-A/15.
SOURCE unclassified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 20)
AUTHORS Ishikawa,T., Shigenatsu,T. and Yamamoto,A.
TITLE OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
JOURNAL Patent: JP 1998127286-A 15 19-MAY-1998;
TERUMO CORP
COMMENT OS None
OC Artificial sequences.
PN JP 1998127286-A/15

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PD 19-MAY-1998
PF 01-NOV-1996 JP 1996291499
PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC
CI2N15/09,A61K31/70,A61K31/70,C07H21/04;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key
FT source
FT 1..20
/organism="Artificial sequences".

FEATURES
source
1..20
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      19.5%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCTCCTCTTC 942
      ||||| ||||| ||||| |||||
Db 2 CCTTTCTCCTCTCCCTTC 20

RESULT 43
AX298975/c
LOCUS AX298975 21 bp DNA linear PAT 26-NOV-2001
DEFINITION Sequence 609 from Patent WO0183749.
ACCESSION AX298975
VERSION AX298975.1 GI:17128965
KEYWORDS Mus sp.
SOURCE Mus sp.
ORGANISM Mus sp.
REFERENCE 1
AUTHORS Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S.,
Li,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate
compounds and other sweeteners
JOURNAL Patent: WO 0183749-A 609 08-NOV-2001;
WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center
(US)

FEATURES
Location/Qualifiers
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/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match      19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 76;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCCTCTTCATT 945
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Db 19 TTTCTCCTCTCTCTTCCTT 1

RESULT 44
AX921300/c
LOCUS AX921300 21 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 293 from Patent WO02068652.
ACCESSION AX921300
VERSION AX921300.1 GI:40214921
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Nov-x proteins and nucleic acids encoding same
TITLE

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JOURNAL Patent: WO 02068652-A 293 06-SEP-2002;
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: oligonucleotide primer"

Query Match 19.5%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 76;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 909 TTTCTTTGGTCTTTCCTT 927
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Db 20 TTTCTTTGGTCTTTCCTT 2

RESULT 45
AX076067/c
LOCUS AX076067 20 bp DNA linear PAT 06-FEB-2001
DEFINITION Sequence 43 from Patent WO0104358.
ACCESSION AX076067
VERSION AX076067.1 GI:12710720
KEYWORDS Hepatitis B virus
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1
AUTHORS Stuyver, L., Maertens, G. and van Geyt, C.
TITLE Detection of anti-Hepatitis B drug resistance
JOURNAL Patent: WO 0104358-A 43 18-JAN-2001;
INNOGENETICS N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10407"

Query Match 18.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 907 ATTTCCTTTGGTCTCTTG 923
|||||
Db 17 ATTTCCTTTGGTCTCTG 1

RESULT 46
AX802031/c
LOCUS AX802031 20 bp DNA linear PAT 24-NOV-2003
DEFINITION Sequence 170 from Patent WO03057913.
ACCESSION AX802031
VERSION AX802031.1 GI:38500955
KEYWORDS Merluccius merluccius (European hake)
SOURCE Merluccius merluccius
ORGANISM Merluccius merluccius
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorpha; Paracanthopterygii; Gadiformes; Merlucciidae;
Merluccius.
REFERENCE 1
AUTHORS Mabilat, C., Desvarenne, S., Babola, O., Lacroix, B. and bello Pigem, N.
TITLE Method for the detection and/or identification of the original animal species in animal matter contained in a sample
JOURNAL Patent: WO 03057913-A 170 17-JUL-2003;
BIO MERIEUX (FR)
FEATURES Location/Qualifiers
source 1..20
/organism="Merluccius merluccius"
/mol_type="unassigned DNA"
/db_xref="taxon:8063"

Query Match 18.9%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 950 TAATGATCGCTACCAA 966
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Db 20 TAATGATCGCTAGAAA 4

RESULT 47
AR162764
LOCUS AR162764 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 87 from patent US 6258790.
ACCESSION AR162764
VERSION AR162764.1 GI:16230103
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett, C. Frank., Condon, T. P. and Cowsert, L. M.
TITLE Antisense modulation of integrin .alpha.4 expression
JOURNAL Patent: US 6258790-A 87 10-JUL-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATCGCTACC 964
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Db 1 TGGTTTAATGATCGCTACC 20

RESULT 48
AR237433
LOCUS AR237433 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 11 from patent US 6465618.
ACCESSION AR237433
VERSION AR237433.1 GI:27282156
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nishida, E., Moriguchi, T. and Matsuzaki, C.
TITLE Mitogen activated protein kinase (MAPK) kinase
JOURNAL Patent: US 6465618-A 11 15-OCT-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 913 TTGTGCTTTGCGCTTTATC 932
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Db 1 TTGTGCTTTGCGCTTTATC 20

RESULT 49
AR237439
LOCUS AR237439 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 17 from patent US 6465618.
ACCESSION AR237439
VERSION AR237439.1 GI:27282162
KEYWORDS
SOURCE Unknown.

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ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nishida,E., Moriguchi,T. and Matsuzaki,O.
TITLE Mitogen activated protein kinase (MAPK) kinase
JOURNAL Patent: US 6465618-A 17 15-OCT-2002;
FEATURES
source
Location/Qualifiers
1..20
/mol_type="genomic DNA"
Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 913 TTGGTCTTTCCTTTATC 932
Db 1 TTGGTCTTTCCTGTGATC 20

RESULT 50
AB069480/c
LOCUS AB069480 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Synthetic construct DNA, forward primer for human STS sts-STSG14187 at lp36.
ACCESSION AB069480
VERSION AB069480.1 GI:15130284
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morchashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human chromosome lp35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 20)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
Location/Qualifiers
1..20
/mol_type="synthetic construct"
/misc_feature
1..20
/db_xref="taxon:32630"
Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 921 TTGCCTTTTATCCCTCTCT 940
Db 20 TTGCCCTTTTCCCTTTCT 1

RESULT 53
AX263168/c
LOCUS AX263168 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 559 from Patent WO0173002.
ACCESSION AX263168
VERSION AX263168.1 GI:16511967
KEYWORDS

ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,I.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4603 06-MAY-2003;
FEATURES
source
Location/Qualifiers
1..20
/mol_type="unknown"
Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 913 TTGGTCTTTCCTTTATC 932
Db 1 TTGGTCTTTCCTGTGATC 20

RESULT 51
BD088547/c
LOCUS BD088547 20 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD088547
VERSION BD088547.1 GI:22634157
KEYWORDS JP 2001321190-A/791.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 791 20-NOV-2001;
COMMENT THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECs
OS Artificial Sequence
PN JP 2001321190-A/791
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/00,G01N33/53,G01N33/566, PC C12N15/00, C12N15/00

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CC Description of Artificial Sequence:Synthetic DNA FH Key
Location/Qualifiers
FT source 1..20
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FEATURES
source
Location/Qualifiers
1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 921 TTGCCTTTTATCCCTCTCT 940
Db 20 TTGCCCTTTTCCCTTTCT 1

RESULT 52
AB069480/c
LOCUS AB069480 20 bp DNA linear SYN 21-MAY-2003
DEFINITION Synthetic construct DNA, forward primer for human STS sts-STSG14187 at lp36.
ACCESSION AB069480
VERSION AB069480.1 GI:15130284
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morchashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human chromosome lp35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 20)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
Location/Qualifiers
1..20
/mol_type="synthetic construct"
/misc_feature
1..20
/db_xref="taxon:32630"
Query Match 18.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 921 TTGCCTTTTATCCCTCTCT 940
Db 20 TTGCCCTTTTCCCTTTCT 1

RESULT 53
AX263168/c
LOCUS AX263168 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 559 from Patent WO0173002.
ACCESSION AX263168
VERSION AX263168.1 GI:16511967
KEYWORDS

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Source	Organism	Reference	Authors	Title	Journal	Features
Homo sapiens (human)	Homo sapiens	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Knief, E.B., Gamber, H.B. and Rice, M.C.	Targeted chromosomal genomic alterations with modified single stranded oligonucleotides	Patent: WO 0173002-A 559 04-OCT-2001; UNIVERSITY OF DELAWARE (US)	Location/Qualifiers 1..17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
Query Match	18.4%;	Score 13.4;	DB 1;	Length 17;		
Best Local Similarity	93.3%;	Pred. No. 88;				
Matches	14;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;	
QY	953	TGTATCGCTACCAAC	967			
Db	15	TGTATCGCTACAAAC	1			
RESULT 54	AX263169	AX263169	Sequence 560 from Patent WO0173002.	17 bp	DNA	linear
LOCUS	AX263169	AX263169	AX263169.1	GI:16511968		
DEFINITION	Sequence 560 from Patent WO0173002.					
ACCESSION	AX263169					
VERSION	AX263169.1					
KEYWORDS						
SOURCE	Homo sapiens (human)					
ORGANISM	Homo sapiens					
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.						
REFERENCE 1	Knief, E.B., Gamber, H.B. and Rice, M.C.					
AUTHORS	Targeted chromosomal genomic alterations with modified single					
TITLE	stranded oligonucleotides					
JOURNAL	Patent: WO 0173002-A 560 04-OCT-2001;					
UNIVERSITY OF DELAWARE (US)						
FEATURES	Location/Qualifiers					
source	1..17					
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/mol_type="unassigned DNA"						
/db_xref="taxon:9606"						
Query Match	18.4%;	Score 13.4;	DB 1;	Length 17;		
Best Local Similarity	93.3%;	Pred. No. 88;				
Matches	14;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;	
QY	953	TGTATCGCTACCAAC	967			
Db	3	TGTATCGCTACCAAC	17			
RESULT 55	AX643452	AX643452	Sequence 318 from Patent WO02099099.	19 bp	DNA	linear
LOCUS	AX643452	AX643452	AX643452.1	GI:28551117		
DEFINITION	Sequence 318 from Patent WO02099099.					
ACCESSION	AX643452					
VERSION	AX643452.1					
KEYWORDS						
SOURCE	synthetic construct					
ORGANISM	synthetic construct					
artificial sequences.						
REFERENCE 1	Penger, A., Sprenger, R. and Brinkmann, U.					
AUTHORS	Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8					
TITLE	and their use in diagnostic and therapeutic applications					
JOURNAL	Patent: WO 02099099-A 318 12-DEC-2002;					
Epidaurus Biotechnologie AG (DE)						

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RESULT 56
AR235530
LOCUS AR235530 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 29 from patent US 6461810.
ACCESSION AR235530
VERSION AR235530.1 GI:27278751
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Fresco,J.R. and Johnson,M.D.
TITLE Triplex in-situ hybridization
JOURNAL Patent: US 6461810-A 29 08-OCT-2002;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"
Query Match 18.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 TTTATCCCTCTCTTCAT 944
Db 1 TTTCTCCTCTCTTCAT 18

RESULT 59
AR065137/c
LOCUS AR065137 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 24 from patent US 5849488.
ACCESSION AR065137
VERSION AR065137.1 GI:5995353
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Alatosava,J.,Tapani., Forsman,P.,Tuulikki. and
Tillsala-Timisjarvi,A.,Kyllikki.
TITLE DNA-sequence-based diagnosis of mastitis from a milk sample
JOURNAL Patent: US 5849488-A 24 15-DEC-1998;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 18.1%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCCTCTTCATTG 946
Db 19 TATCCCTCATCTCGTAG 2

RESULT 60
AR312179/c
LOCUS AR312179 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 2716 from patent US 6559294.
ACCESSION AR312179
VERSION AR312179.1 GI:31705605
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Holseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 2716 06-MAY-2003;

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FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"
Query Match 18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 917 GTCCTTGCCCTTTATCCC 934
Db 18 GCTTTGCTCCTTATCCC 1

RESULT 61
BD069127/c
LOCUS BD069127 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Methods for modulating hematopoiesis and vascular growth.
ACCESSION BD069127
VERSION BD069127.1 GI:32614730
KEYWORDS JP 2001511650-A/12.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Baron,M.H., Farrington,S.M. and Belasousoff,M.
TITLE Methods for modulating hematopoiesis and vascular growth
JOURNAL Patent: JP 2001511650-A 12 14-AUG-2001;
COMMENT THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE
OS Unidentified
PN JP 2001511650-A/12
PD 14-AUG-2001
PF 10-FEB-1998 JP 1998535042
PR 10-FEB-1997 US 60/037513,16-JUN-1997 US 60/049763 PI
MARGARET H BARON, SARAH M FARRINGTON,MARIA BELAUSOFF PC
C12N5/00,A61K38/18,A61K48/00
CC PCR Primer
FH Key Location/Qualifiers
FT source 1..20
/organism="Unidentified".
FEATURES
source Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 949 TTAATGTATCGTACCAA 966
Db 20 TTAGTGTTCGTCGCCAA 3

RESULT 62
AX759942
LOCUS AX759942 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 3263 from Patent WO03040369.
ACCESSION AX759942
VERSION AX759942.1 GI:32254558
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 3263 15-MAY-2003;
Molecular Engines Laboratories (FR)

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DEFINITION Sequence 317 from Patent WO02099099.
ACCESSION AX643451
VERSION AX643451.1 GI:28551116
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Penger, A., Sprenger, R. and Brinkmann, U.
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
JOURNAL Patent: WO 02099099-A 317 12-DEC-2002;
Epidaurus Biotechnologie AG (DE)
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RESULT 64
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LOCUS AX643454 19 bp DNA linear PAT 24-FEB-2003
DEFINITION Sequence 320 from Patent WO02099099.
ACCESSION AX643454
VERSION AX643454.1 GI:28551119
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Penger, A., Sprenger, R. and Brinkmann, U.
TITLE Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
JOURNAL Patent: WO 02099099-A 320 12-DEC-2002;
Epidaurus Biotechnologie AG (DE)
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LOCUS AX815830 19 bp DNA linear PAT 09-DEC-2003
DEFINITION Sequence 85 from Patent WO03066891.
ACCESSION AX815830
VERSION AX815830.1 GI:39646510
KEYWORDS Sus scrofa (pig)
SOURCE Sus scrofa
ORGANISM Sus scrofa
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
REFERENCE
1
AUTHORS Hardge, T., Schellander, K. and Wimmers, K.
TITLE Genetic markers for the diagnosis of the expression of inverted
nipples in pets, breeding animals and domestic cattle
JOURNAL Patent: WO 03066891-A 85 14-AUG-2003;
Foerderverein Biotechnologieforschung der deutschen
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ACCESSION AX503034
VERSION AX503034.1 GI:23385327
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 4341 07-AUG-2002;
Aeomica, Inc. (US)
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DEFINITION Sequence 4342 from Patent EPI229046.
ACCESSION AX503035
VERSION AX503035.1 GI:23385328
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 4342 07-AUG-2002;
JOURNAL Asomica, Inc. (US)
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LOCUS AX732082 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3716 from Patent WO03025175.
ACCESSION AX732082
VERSION AX732082.1 GI:30511425
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3716 27-MAR-2003;
JOURNAL Molecular Engines Laboratories (FR)
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AX076322
LOCUS AX076322 18 bp DNA linear PAT 30-AUG-2000
DEFINITION Sequence 36 from patent US 5958771.
ACCESSION AX076322
VERSION AX076322.1 GI:10003068
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, C. Frank., Ackermann, E. J. and Cowsett, L. M.
TITLE Antisense modulation of cellular inhibitor of Apoptosis-2
expression
JOURNAL Patent: US 5958771-A 36 28-SEP-1999;
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DEFINITION Sequence 4342 from Patent EPI229046.
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VERSION AX503035.1 GI:23385328
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 4342 07-AUG-2002;
JOURNAL Asomica, Inc. (US)
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RESULT 68
AX732082
LOCUS AX732082 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3716 from Patent WO03025175.
ACCESSION AX732082
VERSION AX732082.1 GI:30511425
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
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REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3716 27-MAR-2003;
JOURNAL Molecular Engines Laboratories (FR)
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Db 2 ATCCCTCTCTTTCATT 17

RESULT 71
AX076322
LOCUS AX076322 18 bp DNA linear PAT 30-AUG-2000
DEFINITION Sequence 36 from patent US 5958771.
ACCESSION AX076322
VERSION AX076322.1 GI:10003068
KEYWORDS Unknown.
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REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, C. Frank., Ackermann, E. J. and Cowsett, L. M.
TITLE Antisense modulation of cellular inhibitor of Apoptosis-2
expression
JOURNAL Patent: US 5958771-A 36 28-SEP-1999;
JOURNAL Molecular Engines Laboratories
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M SASWOR,
PI DOUGLAS G BROOKS,CARA OHASI,JACQUELINE R WYATT,ALEXANDER H PI
BORCHERS,
PI TIMOTHY A VIKKARS
PC C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50,PC
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Db 1 TTTCTCTCTCCTCTTC 16

RESULT 74
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LOCUS I88015 18 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 8 from patent US 5716835.
ACCESSION I88015
VERSION I88015.1 GI:3407955
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Regan,J.W., Gil,D.W. and Woodward,D.F.
TITLE Nucleic acid encoding a novel human EP prostaglandin receptor
JOURNAL Patent: US 5716835-A 8 10-FEB-1998;
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/mol_type="unassigned DNA"

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DEFINITION Sequence 8 from patent US 6395878.
ACCESSION AR372109
VERSION AR372109.1 GI:34609391
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Regan,J.W., Gil,D.W. and Woodward,D.F.
TITLE Nucleic acid encoding a human EP prostaglandin receptor

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JOURNAL Patent: US 6395878-A 8 28-MAY-2002;

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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 17 CTTGGGTCTTGGCAT 2

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DEFINITION Sequence 10295 from patent US 6537751.

ACCESSION AR298560

VERSION AR298560.1 GI:31685844

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

1 (bases 1 to 19)

AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.

TITLE Biallelic markers for use in constructing a high density

disequilibrium map of the human genome

JOURNAL Patent: US 6537751-A 10295 25-MAR-2003;

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AX503036/c
LOCUS AX503036 17 bp DNA linear PAT 27-SEP-2002

DEFINITION Sequence 4343 from Patent EP1229046.

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1

AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

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ORGANISM

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

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REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

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VERSION AX503036.1 GI:23385329

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TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

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VERSION AX503036.1 GI:23385329

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

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ORGANISM

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

KEYWORDS

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Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

KEYWORDS

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ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

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VERSION AX503036.1 GI:23385329

KEYWORDS

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Homo sapiens (human)

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

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ORGANISM

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

KEYWORDS

SOURCE

Homo sapiens (human)

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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AUTHORS Zhan, J.

TITLE Human testis expressed patched like protein

JOURNAL Patent: EP 1229046-A 4343 07-AUG-2002;

ACCESSION AX503036

VERSION AX503036.1 GI:23385329

KEYWORDS

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ORGANISM

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

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SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversions, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 2022 27-MAR-2003;
Molecular Engines Laboratories (FR)
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AX735312 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 902 from Patent WO03025177.
DEFINITION AX735312
ACCESSION AX735312
VERSION AX735312.1 GI:30514589
KEYWORDS Homo sapiens (human)
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ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversions, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 902 27-MAR-2003;
Molecular Engines Laboratories (FR)
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LOCUS Sequence 1869 from Patent WO03025177.
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ACCESSION AX736279
VERSION AX736279.1 GI:30515556
KEYWORDS Homo sapiens (human)
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ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversions, apoptosis and/or resistance to viruses and the use thereof as medicaments
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Molecular Engines Laboratories (FR)
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ACCESSION AX757324
VERSION AX757324.1 GI:32251940
KEYWORDS Homo sapiens (human)
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REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL Patent: WO 03040369-A 645 15-MAY-2003;
Molecular Engines Laboratories (FR)
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RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 904 GTCATTTCTTTG 917
Db 17 GACATTTCTTTG 4

RESULT 86
AX759370
LOCUS AX759370 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2691 from Patent WO03040369.
ACCESSION AX759370
VERSION AX759370.1 GI:32253986
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 2691 15-MAY-2003;
Molecular Engines Laboratories (FR)
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source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 GGTCTTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
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source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 906 GGTCTTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
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Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 GGTCTTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 GGTCTTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 GGTCTTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 GGTCTTTCTTTG 916
Db 1 GATCATTTCTTTG 14

RESULT 85
AX757655/c
LOCUS AX757655 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 976 from Patent WO03040369.
ACCESSION AX757655
VERSION AX757655.1 GI:32252271
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 976 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTTGC 924
Db 3 TCTTTGGTCTTTGC 16

RESULT 88
AR177812
LOCUS AR177812 18 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 12 from patent US 6313265.
ACCESSION AR177812
VERSION AR177812.1 GI:17920167
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Phillips,G., Cunningham,B.A. and Crossin,K.L.
TITLE Neurite outgrowth-promoting polypeptides containing fibronectin
type III repeats and methods of use
JOURNAL Patent: US 6313265-A 12 06-NOV-2001;
Molecular Engines Laboratories (FR)
FEATURES
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match          17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATTG 946
Db 1 CCTCTCTTCATTG 14

RESULT 89
I57031/c
LOCUS I57031 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 32 from patent US 5650553.
ACCESSION I57031
VERSION I57031.1 GI:2477444

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KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Ecker,J., Rotherberg,M., Lehman,A. and Roman,G.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 5650553-A 32 22-JUL-1997;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCATTG 946
|||||
Db 18 CCTCCTCTTCATTG 5

RESULT 92
AR045272
LOCUS AR045272 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 65 from patent US 5817796.
ACCESSION AR045272
VERSION AR045272.1 GI:5966737
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 65 06-OCT-1998;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 910 TTCTTTGGTCTTTGGCT 926
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Db 1 TGTATGTCCTTAGCCT 17

RESULT 93
BD241313/c
LOCUS BD241313 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION BD241313
VERSION BD241313.1 GI:33051083
KEYWORDS JP 2002525127-A/260.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
TITLE Methods and products related to genotyping and DNA analysis
JOURNAL Patent: JP 2002525127-A 260 13-AUG-2002;
COMMENT MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/260
PD 13-AUG-2002
PF 24-SEP-1999 JP 2000572407
PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis FH
FT Key source 1..17
FT Location/Qualifiers
/organism='Homo sapiens (human)'.
/mol_type='genomic DNA'
/db_xref='taxon:9606'

FEATURES
source
1..17
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Ecker,J., Rotherberg,M., Lehman,A. and Roman,G.
TITLE Plant genes for sensitivity to ethylene and pathogens
JOURNAL Patent: US 5650553-A 32 22-JUL-1997;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCATTG 946
|||||
Db 17 CCTCCTCTTCATTG 4

RESULT 90
AR295515/c
LOCUS AR295515 19 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 7250 from patent US 6537751.
ACCESSION AR295515
VERSION AR295515.1 GI:31682799
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7250 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 17.0%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 917 GTCTTTGCCCTTTA 930
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Db 19 GTCTTTGCCCTTTA 6

RESULT 91
AX317198/c
LOCUS AX317198 19 bp DNA linear PAT 14-DEC-2001
DEFINITION Sequence 201 from Patent WO0190337.
ACCESSION AX317198
VERSION AX317198.1 GI:17900187
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS artificial sequences.
Allawi,H., Bartholomay,C.T., Chehak,L., Curtis,M.L., Eis,P.S.,
Hall,J.G., Ip,H.S., Kaiser,M., Kwiatkowski,R.W., Lukowiak,A.A.,
Lyamichev,V., Ma,W., Olson-Munoz,M.C., Olson,S.M., Schaefer,J.J.,
Skzypczynski,Z., Takova,T.Y., Vedvik,K.L. and Lyamichev,N.E.
TITLE Detection of rna
JOURNAL Patent: WO 0190337-A 201 29-NOV-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES Location/Qualifiers
source 1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"

Query Match	16.7%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 1.4e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
QY 936 CCTCTTCATTGGTTTAA 952				
Db 17	CCTCCTATTGGTTGA 1			
RESULT 94				
LOCUS I52324		17 bp	DNA	linear PAT 07-OCT-1997
DEFINITION	Sequence 65 from patent US 5646042.			
ACCESSION	I52324			
VERSION	I52324.1	GI:2473525		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	Unclassified.			
AUTHORS	1 (bases 1 to 17)			
TITLE	Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.			
JOURNAL	C-myb targeted ribozymes			
FEATURES	Patent: US 5646042-A 65 08-JUL-1997;			
source	Location/Qualifiers			
	1. 17			
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	/mol_type="unassigned DNA"			
Query Match	16.7%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 1.4e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
QY 910 TTCTTTGGTCTTTGCCCT 926				
Db 1	TGCTATGGTCTTAGCCT 17			
RESULT 95				
LOCUS AR328230		17 bp	RNA	linear PAT 17-AUG-2003
DEFINITION	Sequence 5632 from patent US 6566127.			
ACCESSION	AR328230			
VERSION	AR328230.1	GI:33714038		
KEYWORDS				
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	Unclassified.			
AUTHORS	1 (bases 1 to 17)			
TITLE	Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.			
JOURNAL	Method and reagent for the treatment of diseases or conditions			
FEATURES	related to levels of vascular endothelial growth factor receptor			
source	Patent: US 6566127-A 5632 20-MAY-2003;			
	Location/Qualifiers			
	1. 17			
	/organism="unknown"			
	/mol_type="unassigned RNA"			
Query Match	16.7%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 1.4e+02;		
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
QY 907 ATTTCTTTGGTCTTTG 923				
Db 1	ATATTCTCTGCTCTTG 17			
RESULT 96				
LOCUS AX578952		17 bp	RNA	linear PAT 10-JAN-2003
DEFINITION	Sequence 790 from Patent W00211674.			
ACCESSION	AX578952			
VERSION	AX578952.1	GI:27648154		

JOURNAL Patent: EP 1273660-A 490 08-JAN-2003;
Acomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCTTCATTGGTTTAATG 954
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Db 1 TCTTCATTGTTTACTG 17

RESULT 99
AX734206
LOCUS AX734206 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5840 from Patent WO03025175.
ACCESSION AX734206
VERSION AX734206.1 GI:30513549
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS
TITLE
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 5840 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 916 GGTCTTTCCTTTTATC 932
||||| ||||| |||||
Db 1 GATCTTTCCTTTTATC 17

RESULT 100
AX760901
LOCUS AX760901 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 4222 from Patent WO03040369.
ACCESSION AX760901
VERSION AX760901.1 GI:32255517
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS
TITLE
Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4222 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 917 CTCTTCATTGGTTTAAAT 953
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Db 1 CTCTTCATTGGTTTAAAT 17

RESULT 102
BD199177
LOCUS BD199177 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD199177
VERSION BD199177.1 GI:33008947
KEYWORDS JP 2002509721-A/2203
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS
TITLE
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 2203 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/2203
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAVELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
A61P29/00,
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCTTCATTGGTTTAAAT 953
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Db 1 CTCTTCATTGGTTTAAAT 17

RESULT 101
AX784020
LOCUS AX784020 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2351 from Patent WO03050284.
ACCESSION AX784020
VERSION AX784020.1 GI:32951869
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS
TITLE
Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2351 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCTTCATTGGTTTAAAT 953
||||| ||||| |||||
Db 1 CTCTTCATTGGTTTAAAT 17

RESULT 102
BD199177
LOCUS BD199177 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD199177
VERSION BD199177.1 GI:33008947
KEYWORDS JP 2002509721-A/2203
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS
TITLE
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 2203 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/2203
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAVELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
A61P29/00,
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule

CC participating in vasculogenic response
 FH Key Location/Qualifiers
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 FT /organism="Homo sapiens (human)"

FEATURES

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 Location/Qualifiers
 /organism="Homo sapiens"
 /mol_type="genomic RNA"
 /db_xref="taxon:9606"

Query Match 16.7%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.4e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CTTTTCCTCCCTCCTCT 940
 DB 1 CATTTCCTCCCTCCTCT 17

RESULT 103

A97831
 LOCUS A97831 18 bp DNA linear PAT 26-JAN-2000
 DEFINITION Sequence 108 from Patent WO9914377.
 ACCESSION A97831
 VERSION A97831.1 GI:6781069

KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Quint,W. and Kleter,B.

TITLE DETECTION AND IDENTIFICATION OF HUMAN PAPILLOMAVIRUS BY PCR AND
 TYPE-SPECIFIC REVERSE HYBRIDIZATION
 JOURNAL Patent: WO 9914377-A 108 25-MAR-1999;
 INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)

FEATURES

source
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 Location/Qualifiers
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCGCT 961
 DB 1 TGGTTTAATGAATGTT 17

RESULT 104

AR063241
 LOCUS AR063241 18 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 2 from patent US 5844110.
 ACCESSION AR063241
 VERSION AR063241.1 GI:5990932

KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Gold,B.I.

TITLE Synthetic triple helix-forming compound precursors
 JOURNAL Patent: US 5844110-A 2 01-DEC-1998;
 INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)

FEATURES

source
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 Location/Qualifiers
 /organism="unassigned DNA"
 /mol_type="unassigned DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCCTTGGTCTTTC 924
 DB 1 TTTTCCTTTCCTTTC 17

RESULT 105

AR254824
 LOCUS AR254824 18 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 108 from patent US 6482588.
 ACCESSION AR254824

VERSION AR254824.1 GI:27303872
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Van Doorn,L.-J., Quint,W., Kleter,B. and TerSchegget,J.

TITLE Detection and identification of human papillomavirus by PCR and
 type-specific reverse hybridization
 JOURNAL Patent: US 6482588-A 108 19-NOV-2002;
 INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)

FEATURES

source
 1..18
 Location/Qualifiers
 /organism="unassigned DNA"
 /mol_type="genomic DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCGCT 961
 DB 1 TGGTTTAATGAATGTT 17

RESULT 106

AR266277/c
 LOCUS AR266277 18 bp DNA linear PAT 10-APR-2003
 DEFINITION Sequence 89 from patent US 6492173.
 ACCESSION AR266277

VERSION AR266277.1 GI:29695123
 KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Cowser,L.M.

TITLE Antisense inhibition of cyclin D2 expression
 JOURNAL Patent: US 6492173-A 89 10-DEC-2002;
 INNOGENETICS NV (BE); DELFTS DIAGNOSTIC LAB B V (NL)

FEATURES

source
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 Location/Qualifiers
 /organism="unassigned DNA"
 /mol_type="genomic DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 914 TTGCTCTTTCCTTTTA 930
 DB 18 TTGCTCTTTCCTTTTA 2

RESULT 107

AR294187/c
 LOCUS AR294187 18 bp DNA linear PAT 12-JUN-2003
 DEFINITION Sequence 5922 from patent US 6537751.
 ACCESSION AR294187

VERSION AR294187.1 GI:31681471
 KEYWORDS
 SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)

AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
 TITLE Biallelic markers for use in constructing a high density
 disequilibrium map of the human genome
 JOURNAL Patent: US 6537751-A 5922 25-MAR-2003;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 927 TTATCCCTCTCTTCA 943
 Db 17 TTTATCCCTCCCTTCCA 1

RESULT 108
 AR295441/c 18 bp DNA PAT 12-JUN-2003
 LOCUS
 DEFINITION Sequence 7176 from patent US 6537751.
 ACCESSION AR295441
 VERSION AR295441.1 GI:31682725
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE Unclassified.
 1 (bases 1 to 18)
 AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
 TITLE Biallelic markers for use in constructing a high density
 disequilibrium map of the human genome
 JOURNAL Patent: US 6537751-A 7176 25-MAR-2003;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 929 TATCCCTCTCTTCATT 945
 Db 17 TGTCCCTCTGTCTATT 1

RESULT 109
 AR363596 18 bp DNA PAT 03-SEP-2003
 LOCUS
 DEFINITION Sequence 64 from patent US 5219727.
 ACCESSION AR363596
 VERSION AR363596.1 GI:34425416
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE Unclassified.
 1 (bases 1 to 18)
 AUTHORS Wang A.M., Doyle, M.V. and Mark, D.F.
 TITLE Quantitation of nucleic acids using the polymerase chain reaction
 JOURNAL Patent: US 5219727-A 64 15-JUN-1993;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 913 TTGGTCTTTGCCTTTT 929
 Db 1 TTGGTCTTGTCTTAT 17

RESULT 110
 AX133014 18 bp DNA PAT 15-MAY-2001
 LOCUS
 DEFINITION Sequence 4232 from Patent WO0130362.
 ACCESSION AX133014
 VERSION AX133014.1 GI:14139324
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE Robbings,J.M. and Tritz,R.
 AUTHORS Ribozyme therapy for the treatment of proliferative skin and eye
 TITLE diseases
 JOURNAL Patent: WO 0130362-A 4232 03-MAY-2001;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"
 /note="Hammerhead ribozyme recognition site for cdc 2
 kinase"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 921 TTGCCTTTTATCCCTCC 937
 Db 2 TTGGATTCTATCCCTCC 18

RESULT 111
 AX133015 18 bp DNA PAT 15-MAY-2001
 LOCUS
 DEFINITION Sequence 4233 from Patent WO0130362.
 ACCESSION AX133015
 VERSION AX133015.1 GI:14139325
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE Robbings,J.M. and Tritz,R.
 AUTHORS Ribozyme therapy for the treatment of proliferative skin and eye
 TITLE diseases
 JOURNAL Patent: WO 0130362-A 4233 03-MAY-2001;
 FEATURES Location/Qualifiers
 source 1..18
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"
 /note="Hammerhead ribozyme recognition site for cdc 2
 kinase"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 922 TGCCTTTTATCCCTCCT 938
 Db 1 TGGATTCTATCCCTCCT 17

RESULT 112
 AX133017 18 bp DNA PAT 15-MAY-2001
 LOCUS

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DEFINITION Sequence 4235 from Patent WO0130362.
ACCESSION AX133017
VERSION AX133017.1 GI:14139327
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens

REFERENCE
AUTHORS Robbins,J.M. and Tritz,R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 4235 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES
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1. .18
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/notes="Hammerhead ribozyme recognition site for cdc 2 kinase"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 TATCCCTCTCTTCATT 945
Db 2 TATCCCTCTCTGGTCAGT 18

RESULT 113
AX428709
LOCUS AX428709 18 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 108 from Patent EP1201771.
ACCESSION AX428709
VERSION AX428709.1 GI:21538620
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS Van Doorn,L.J., Kleter,B. and Ter Schegget,J.
TITLE Detection and identification of human papillomavirus by per and type-specific reverse hybridization
JOURNAL Patent: EP 1201771-A 108 02-MAY-2002;
INNOGENETICS N.V. (BE) ; Delfts Diagnostic laboratory B.V. (NL)
FEATURES
source
1. .18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAAATGATCCCT 961
Db 1 TGGTTTAAATGAATGTT 17

RESULT 114
AX659420
LOCUS AX659420 18 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 22 from Patent WO02102824.
ACCESSION AX659420
VERSION AX659420.1 GI:29161650
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
1

DEFINITION Method for specific fast detection of relevant bacteria in drinking water
ACCESSION Patent: WO 02102824-A 22 27-DEC-2002;
Vermicon AG (DE)
FEATURES
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="oligonucleotide"

AUTHORS Beimfohr,C. and Snaidr,J.
TITLE Method for specific fast detection of relevant bacteria in drinking water
JOURNAL Patent: WO 02102824-A 22 27-DEC-2002;
Vermicon AG (DE)
FEATURES
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="oligonucleotide"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 932 CCCTCCTCTTCATTGGT 948
Db 1 CACTCCTCTTACTTGGT 17

RESULT 115
AX708314
LOCUS AX708314 18 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 43 from Patent WO03004658.
ACCESSION AX708314
VERSION AX708314.1 GI:29564201
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
AUTHORS Koop,H.U., Muehlbauer,S., Klaus,S., Eibl,C., Huang,F.C. and Golds,T.J.
TITLE Gene expression in plasmids based on replicating vectors
JOURNAL Patent: WO 03004658-A 43 16-JAN-2003;
Icon Genetics AG (DE)
FEATURES
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="PCR primer"

Query Match 16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 922 TGCCTTTTATCCCTCCT 938
Db 2 TGCCATGGATCCCTCCT 18

RESULT 116
BD235036
LOCUS BD235036 15 bp DNA linear PAT 17-JUL-2003
DEFINITION A method for stimulating the immune system.
ACCESSION BD235036
VERSION BD235036.1 GI:33044806
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens

REFERENCE
AUTHORS Schlingensiepen,K.H., Schlingensiepen,R. and Brysch,W.
TITLE A method for stimulating the immune system
JOURNAL Patent: JP 2002517434-A 140 18-JUN-2002;
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT OS Homo sapiens (human)
PN JP 2002517434-A/140
PD 18-JUN-2002
PF 10-JUN-1999 JP 2000553044

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PR 10-JUN-1998 EP 98110709.7,25-JUL-1998 EP 98113974.4 PI
KARL HERMANN SCHLINGENSIEPEN,REIMAR SCHLINGENSIEPEN,WOLFGANG PI
BRYSCH
PC A61K45/06,A61K31/7088,A61K38/00,A61K39/395,A61K39/395,A61P31/
PC 00,A61P35/00,
PC A61P35/02,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC A
method for stimulating the immune system
FH Key Location/Qualifiers
FT source 1..15
/organism='Homo sapiens (human)'.
FEATURES
source
1..15
Location/Qualifiers
/organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'
Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTCTTTTGCT 920
Db 2 TTCTTTTGCT 13
RESULT 117
LOCUS AR192962 15 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 8450 from patent US 6346398.
ACCESSION AR192962
VERSION AR192962.1 GI:20238927
KEYWORDS
SOURCE Unknown.
ORGANISM
Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 8450 12-FEB-2002;
FEATURES
source
1..15
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 915 TGGTCTTTGCT 926
Db 2 TGGTCTTTGCT 13
RESULT 118
LOCUS AR326704 15 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 4106 from patent US 6566127.
ACCESSION AR326704
VERSION AR326704.1 GI:33712512
KEYWORDS
SOURCE Unknown.
ORGANISM
Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 4106 20-MAY-2003;
FEATURES
source
1..15
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned RNA'
PR 10-JUN-1998 EP 98110709.7,25-JUL-1998 EP 98113974.4 PI
KARL HERMANN SCHLINGENSIEPEN,REIMAR SCHLINGENSIEPEN,WOLFGANG PI
BRYSCH
PC A61K45/06,A61K31/7088,A61K38/00,A61K39/395,A61K39/395,A61P31/
PC 00,A61P35/00,
PC A61P35/02,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC A
method for stimulating the immune system
FH Key Location/Qualifiers
FT source 1..15
/organism='Homo sapiens (human)'.
FEATURES
source
1..15
Location/Qualifiers
/organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'
Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTCTTTTGCT 920
Db 2 TTCTTTTGCT 13
RESULT 119
LOCUS AX009107 15 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 140 from Patent WO9963975.
ACCESSION AX009107
VERSION AX009107.1 GI:9996481
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Unclassified.
REFERENCE 1
AUTHORS Brysch,W., Schlingensiepen,K.H. and Schlingensiepen,R.
TITLE A method for stimulating the immune system
JOURNAL Patent: WO 9963975-A 140 16-DEC-1999;
BIOLOGISTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
FEATURES
source
1..15
Location/Qualifiers
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'
Query Match 16.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTCTTTTGCT 920
Db 2 TTCTTTTGCT 13
RESULT 120
LOCUS AR328268 16 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5670 from patent US 6566127.
ACCESSION AR328268
VERSION AR328268.1 GI:33714076
KEYWORDS
SOURCE Unknown.
ORGANISM
Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5670 20-MAY-2003;
FEATURES
source
1..16
Location/Qualifiers
/organism='unknown'
/mol_type='unassigned RNA'
Query Match 16.4%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 915 TGGTCTTTGCT 926
Db 3 TGGTCTTTGCT 14
RESULT 121
LOCUS AR186011
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LOCUS AR186011 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1499 from patent US 6346398.
ACCESSION AR186011
VERSION AR186011.1 GI:20231976
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1499 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||||
Db 5 TGGTCTTTGCCT 16

RESULT 122
LOCUS AR186012 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1500 from patent US 6346398.
ACCESSION AR186012
VERSION AR186012.1 GI:20231977
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1500 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||||
Db 5 TGGTCTTTGCCT 16

RESULT 123
LOCUS AR186013 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1501 from patent US 6346398.
ACCESSION AR186013
VERSION AR186013.1 GI:20231978
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1501 12-FEB-2002;
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||||
Db 3 TGGTCTTTGCCT 14

LOCUS AR322642 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 44 from patent US 6566127.
ACCESSION AR322642
VERSION AR322642.1 GI:33708450
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 44 20-MAY-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||||
Db 2 TGGTCTTTGCCT 13

RESULT 124
LOCUS AR322643 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 45 from patent US 6566127.
ACCESSION AR322643
VERSION AR322643.1 GI:33708451
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 45 20-MAY-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||||
Db 5 TGGTCTTTGCCT 16

RESULT 125
LOCUS AR322644 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 45 from patent US 6566127.
ACCESSION AR322644
VERSION AR322644.1 GI:33708451
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 45 20-MAY-2003;
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned RNA"

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||||
Db 3 TGGTCTTTGCCT 14

RESULT 126
LOCUS AR322644 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 45 from patent US 6566127.
ACCESSION AR322644
VERSION AR322644.1 GI:33708451
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 45 20-MAY-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCT 926
|||||
Db 3 TGGTCTTTGCCT 14

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DEFINITION Sequence 46 from patent US 6566127.
ACCESSION AR322644
VERSION AR322644.1 GI:33708452
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 46 20-MAY-2003;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned RNA"
Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 915 TGGTCTTTGGCT 926
Db 2 TGGTCTTTGGCT 13
RESULT 127
LOCUS AR326842 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 4244 from patent US 6566127.
ACCESSION AR326842
VERSION AR326842.1 GI:33712650
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 4244 20-MAY-2003;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned RNA"
Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 915 TGGTCTTTGGCT 926
Db 2 TGGTCTTTGGCT 13
RESULT 128
LOCUS AX724732 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2419 from Patent WO03025176.
ACCESSION AX724732
VERSION AX724732.1 GI:30504075
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 2419 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="Mus musculus"
                /mol_type="unassigned DNA"
                /db_xref="taxon:10090"
Query Match 16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 900 CTGGTCATTTT 911
Db 4 CTGGTCATTTT 15
RESULT 129
LOCUS AR080716 18 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 21 from patent US 5968826.
ACCESSION AR080716
VERSION AR080716.1 GI:10007446
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.Frank., Condon,T.P. and Cowser,L.M.
TITLE Antisense inhibition of integrin .alpha.4 expression
JOURNAL Patent: US 5968826-A 21 19-OCT-1999;
FEATURES
    source
        Location/Qualifiers
            1..18
                /organism="unknown"
                /mol_type="unassigned DNA"
Query Match 16.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 901 CTGGTCATTTTC 912
Db 12 CTGGTCATTTTC 1
RESULT 130
LOCUS AR162699 18 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 21 from patent US 6258790.
ACCESSION AR162699
VERSION AR162699.1 GI:16230023
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett,C.Frank., Condon,T.P. and Cowser,L.M.
TITLE Antisense modulation of integrin .alpha.4 expression
JOURNAL Patent: US 6258790-A 21 10-JUL-2001;
FEATURES
    source
        Location/Qualifiers
            1..18
                /organism="unknown"
                /mol_type="unassigned DNA"
Query Match 16.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 901 CTGGTCATTTTC 912
Db 12 CTGGTCATTTTC 1
RESULT 131
LOCUS BD227759/c
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LOCUS       BD227759                18 bp    DNA             linear      PAT 17-JUL-2003
DEFINITION   Antisense modulation of integrin alpha 4 expression.
ACCESSION    BD227759
VERSION      BD227759.1  GI:33037529
KEYWORDS     JP 2002526555-A/21.
SOURCE       synthetic construct
ORGANISM     synthetic construct
              artificial sequences.
REFERENCE    1 (bases 1 to 18)
AUTHORS      Bennett,F.C., Condon,T.P. and Cowseart,L.M.
TITLE        Antisense modulation of integrin alpha 4 expression
JOURNAL      Patent: JP 2002526555-A 21 20-AUG-2002;
              ISIS PHARMACEUTICALS INC
COMMENT      OS Artificial Sequence
              PN JP 2002526555-A/21
              PD 20-AUG-2002
              PF 19-AUG-1999 JP 2000574727
              PR 05-OCT-1998 US 09/166203
              PI FRANK C BENNETT, THOMAS P CONDON, LEX M COWSEART PC
              C07H21/04,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/ PC
              00,A61P1/16,
              PC A61P3/00,A61P11/06,A61P25/28,A61P29/00,A61P35/00, PC
              A61P35/04,
              PC A61P37/06,A61P43/00,C12N15/09,C12Q1/02,C12Q1/68,C12N15/00 CC
              antisense sequence
              FH Key
              FT source
              FT Location/Qualifiers
              1..18
              /organism="Artificial Sequence".
              /organism="synthetic construct"
              /mol_type="genomic DNA"
              /db_xref="taxon:32630"

Query Match      16.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 CTGGTCATTTTC 912
Db 12 CTGGTCATTTTC 1

RESULT 132
A88175
LOCUS       A88175                15 bp    DNA             linear      PAT 23-JAN-2000
DEFINITION   Sequence 323 from Patent WO9833904.
ACCESSION    A88175
VERSION      A88175.1  GI:6736745
KEYWORDS     .
SOURCE       unidentified
              unclassified.
ORGANISM     unidentified
              unclassified.
REFERENCE    1 (bases 1 to 15)
AUTHORS      Brysch,W. and Schlingensiepen,K.
TITLE        AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL      Patent: WO 9833904-A 323 06-AUG-1998;
              BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
COMMENT      Location/Qualifiers
              1..15
              /organism="unidentified"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGG 947
Db 1 CCTCCTCTTCAGAGG 15

LOCUS       BD227759                18 bp    DNA             linear      PAT 17-JUL-2003
DEFINITION   Antisense modulation of integrin alpha 4 expression.
ACCESSION    BD227759
VERSION      BD227759.1  GI:33037529
KEYWORDS     JP 2002526555-A/21.
SOURCE       synthetic construct
ORGANISM     synthetic construct
              artificial sequences.
REFERENCE    1 (bases 1 to 18)
AUTHORS      Bennett,F.C., Condon,T.P. and Cowseart,L.M.
TITLE        Antisense modulation of integrin alpha 4 expression
JOURNAL      Patent: JP 2002526555-A 21 20-AUG-2002;
              ISIS PHARMACEUTICALS INC
COMMENT      OS Artificial Sequence
              PN JP 2002526555-A/21
              PD 20-AUG-2002
              PF 19-AUG-1999 JP 2000574727
              PR 05-OCT-1998 US 09/166203
              PI FRANK C BENNETT, THOMAS P CONDON, LEX M COWSEART PC
              C07H21/04,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/ PC
              00,A61P1/16,
              PC A61P3/00,A61P11/06,A61P25/28,A61P29/00,A61P35/00, PC
              A61P35/04,
              PC A61P37/06,A61P43/00,C12N15/09,C12Q1/02,C12Q1/68,C12N15/00 CC
              antisense sequence
              FH Key
              FT source
              FT Location/Qualifiers
              1..18
              /organism="Artificial Sequence".
              /organism="synthetic construct"
              /mol_type="genomic DNA"
              /db_xref="taxon:32630"

Query Match      16.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 CTGGTCATTTTC 912
Db 12 CTGGTCATTTTC 1

RESULT 132
A88175
LOCUS       A88175                15 bp    DNA             linear      PAT 23-JAN-2000
DEFINITION   Sequence 323 from Patent WO9833904.
ACCESSION    A88175
VERSION      A88175.1  GI:6736745
KEYWORDS     .
SOURCE       unidentified
              unclassified.
ORGANISM     unidentified
              unclassified.
REFERENCE    1 (bases 1 to 15)
AUTHORS      Brysch,W. and Schlingensiepen,K.
TITLE        AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL      Patent: WO 9833904-A 323 06-AUG-1998;
              BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
COMMENT      Location/Qualifiers
              1..15
              /organism="unidentified"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGG 947
Db 1 CCTCCTCTTCAGAGG 15

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RESULT 133
A90142
LOCUS       A90142                15 bp    DNA             linear      PAT 22-JAN-2000
DEFINITION   Sequence 323 from Patent EP0856579.
ACCESSION    A90142
VERSION      A90142.1  GI:6738656
KEYWORDS     .
SOURCE       unidentified
              unclassified.
ORGANISM     unidentified
              unclassified.
REFERENCE    1 (bases 1 to 15)
AUTHORS      Brysch,W.D. and Schlingensiepen,K.D.
TITLE        An antisense oligonucleotide preparation method
JOURNAL      Patent: EP 0856579-A 323 05-AUG-1998;
              BIOGNOSTIK GES (DE)
COMMENT      Location/Qualifiers
              1..15
              /organism="unidentified"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGG 947
Db 1 CCTCCTCTTCAGAGG 15

RESULT 134
BD065688
LOCUS       BD065688                15 bp    DNA             linear      PAT 27-AUG-2002
DEFINITION   An antisense oligonucleotide preparation method.
ACCESSION    BD065688
VERSION      BD065688.1  GI:22611291
KEYWORDS     JP 2001511000-A/323.
SOURCE       unidentified
              unclassified.
ORGANISM     unidentified
              unclassified.
REFERENCE    1 (bases 1 to 15)
AUTHORS      Schlingensiepen,K.H. and Brysch,W.
TITLE        An antisense oligonucleotide preparation method
JOURNAL      Patent: JP 2001511000-A 323 07-AUG-2001;
              BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT      OS Unknown
              PN JP 2001511000-A/323
              PD 07-AUG-2001
              PF 30-JAN-1998 JP 1998532533
              PR 31-JAN-1997 EP 97101531.8
              PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
              PC C12N15/11,C07H21/04,A61K31/70
              CC An antisense oligonucleotide preparation method FH Key
              FT source
              FT Location/Qualifiers
              1..15
              /organism="Unknown".
              /organism="unidentified"
              /mol_type="genomic DNA"
              /db_xref="taxon:32644"

Query Match      16.2%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGG 947
Db 1 CCTCCTCTTCAGAGG 15

RESULT 135
AR436044

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LOCUS	AR436044	16 bp	RNA	linear	PAT 18-DEC-2003
DEFINITION	Sequence 303 from patent US 6656731.				
ACCESSION	AR436044				
VERSION	AR436044.1	GI:40199128			
KEYWORDS	Unknown.				
SOURCE	Unknown.				
ORGANISM	Unclassified.				
REFERENCE	1 (bases 1 to 16)				
AUTHORS	Eckstein,F., Ludwig,J. and Beigelman,L.				
TITLE	Nucleic acid catalysts with endonuclease activity				
JOURNAL	Patent: US 6656731-A 303 02-DEC-2003;				
FEATURES	Location/Qualifiers				
source	1..16				
	/organism="unknown"				
	/mol_type="unassigned RNA"				
Query Match	16.2%; Score 11.8; DB 1; Length 16;				
Best Local Similarity	86.7%; Pred. NO. 1.5e+02;				
Matches	13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;				
Qy	937	CTCTTCATTGGTTTA	951		
Db	2	CACCTTCATTGGTTTA	16		
RESULT 136					
A70341					
LOCUS	A70341	17 bp	DNA	linear	PAT 07-MAY-1999
DEFINITION	Sequence 8 from Patent WO9810080.				
ACCESSION	A70341				
VERSION	A70341.1	GI:4774634			
KEYWORDS	unidentified				
SOURCE	unidentified				
ORGANISM	unclassified.				
REFERENCE	1 (bases 1 to 17)				
AUTHORS	Ledeboer,A.M., Kok,J., Venema,G. and Sanders,J.W.				
TITLE	SALT-INDUCIBLE PROMOTER DERIVABLE FROM A LACTIC ACID BACTERIUM, AND ITS USE IN A LACTIC ACID BACTERIUM FOR PRODUCTION OF A DESIRED PROTEIN				
JOURNAL	Patent: WO 9810080-A 8 12-MAR-1998;				
UNILEVER PLC (GB)					
FEATURES	Location/Qualifiers				
source	1..17				
	/organism="unidentified"				
	/mol_type="unassigned DNA"				
	/db_xref="taxon:32644"				
	/clone="PRIMER NS3-10"				
Query Match	16.2%; Score 11.8; DB 1; Length 17;				
Best Local Similarity	86.7%; Pred. NO. 1.6e+02;				
Matches	13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;				
Qy	936	CCTCTTCATTGGTTT	950		
Db	1	CCGCTTCATGTTT	15		
RESULT 137					
AR117158					
LOCUS	AR117158	17 bp	DNA	linear	PAT 16-MAY-2001
DEFINITION	Sequence 8 from patent US 6140078.				
ACCESSION	AR117158				
VERSION	AR117158.1	GI:14098064			
KEYWORDS	Unknown.				
SOURCE	Unknown.				
ORGANISM	Unclassified.				
REFERENCE	1 (bases 1 to 17)				
AUTHORS	Sanders,J.W., Kok,J., Venema,G. and Ledeboer,A.M.				
TITLE	Salt-inducible promoter derivable from a lactic acid bacterium, and its use in a lactic acid bacterium for production of a desired				

protein					
Patent:	US 6140078-A 8 31-OCT-2000;				
Location/Qualifiers					
1..17					
/organism="unknown"					
/mol_type="unassigned DNA"					
Query Match	16.2%; Score 11.8; DB 1; Length 17;				
Best Local Similarity	86.7%; Pred. NO. 1.6e+02;				
Matches	13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;				
Qy	936	CCTCTTCATTGGTTT	950		
Db	1	CCGCTTCATGTTT	15		
RESULT 138					
BD244486/c					
LOCUS	BD244486	17 bp	DNA	linear	PAT 17-JUL-2003
DEFINITION	New triplex forming oligonucleotides and their use in anti-HBV.				
ACCESSION	BD244486				
VERSION	BD244486.1	GI:33054256			
KEYWORDS	JP 2002511384-A/4.				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1 (bases 1 to 17)				
AUTHORS	Lu,C.				
TITLE	New triplex forming oligonucleotides and their use in anti-HBV				
JOURNAL	Patent: JP 2002511384-A 4 16-APR-2002;				
COMMENT	SHANGHAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES				
	OS Artificial Sequence				
	PN JP 2002511384-A/4				
	PD 16-APR-2002				
	PF 19-OCT-1998 JP 2000516982				
	PR 21-OCT-1997 CN 97 1 06667.1				
	PI CHANGE LU				
	PC A61K31/711,A61K48/00,A61P31/20,C12N15/09,C12N15/00 CC				
	Description of Artificial Sequence: Triplex forming CC				
	oligonucleotide				
	CC This oligo may or may not be 3'-monophosphorylated FH Key				
	Location/Qualifiers				
FT source	1..17				
FT	/organism='Artificial Sequence'.				
FEATURES	Location/Qualifiers				
source	1..17				
	/organism="synthetic construct"				
	/mol_type="genomic DNA"				
	/db_xref="taxon:32630"				
Query Match	16.2%; Score 11.8; DB 1; Length 17;				
Best Local Similarity	86.7%; Pred. NO. 1.6e+02;				
Matches	13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;				
Qy	931	TCCCTCCTCTTCATT	945		
Db	15	TCCCTCCTCTCCTT	1		
RESULT 139					
BD259598					
LOCUS	BD259598	17 bp	DNA	linear	PAT 17-JUL-2003
DEFINITION	Regulation of repressor genes using nucleic acid molecules.				
ACCESSION	BD259598				
VERSION	BD259598.1	GI:33069368			
KEYWORDS	JP 2002541795-A/7391.				
SOURCE	unidentified				
ORGANISM	unidentified				
REFERENCE	1 (bases 1 to 17)				
AUTHORS	Blatt,J., Zwick,M., Pavco,P. and Mcswiggen,J.				
TITLE	Regulation of repressor genes using nucleic acid molecules				
JOURNAL	Patent: JP 2002541795-A 7391 10-DEC-2002;				

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COMMENT
RIBOZYME PHARMACEUTICALS INC
OS Eukaryote
PN JP 2002541795-A/7391
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC
C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1/91), (C12P21/02, PC
C12R1/91),
PC (C12P21/02, C12R1/91), (C12P21/02, C12R1/91), C12N15/00, C12N5/00,
PC A61K37/02,
PC (C12N5/00, C12R1/91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source
Location/Qualifiers
FT source
1..17
/organism='Eukaryote'.
FT source
Location/Qualifiers
1..17
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match
Best Local Similarity 16.2%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTATCC 933
Db 1 CTTTGCCTTTGTCCT 15

RESULT 140
LOCUS AR186386 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1874 from patent US 6346398.
ACCESSION AR186386
VERSION AR186386.1 GI:20232351
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1874 12-FEB-2002;
FEATURES
source
Location/Qualifiers
1..17
/organism='unknown'
/mol_type='unassigned DNA'

Query Match
Best Local Similarity 16.2%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTATCCCTCCT 938
Db 3 CCTATTACCTCCT 17

RESULT 141
LOCUS AR323017 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 419 from patent US 6566127.
ACCESSION AR323017
VERSION AR323017.1 GI:33708825
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 419 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism='unknown'
/mol_type='unassigned RNA'

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REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 419 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism='unknown'
/mol_type='unassigned RNA'

Query Match
Best Local Similarity 16.2%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTATCCCTCCT 938
Db 3 CCTATTACCTCCT 17

RESULT 142
LOCUS AX217394 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2836 from Patent WO0159103.
ACCESSION AX217394
VERSION AX217394.1 GI:15527455
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 2836 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism='synthetic construct'
/mol_type='unassigned RNA'
/db_xref='taxon:32630'
/note='Nucleic Acid'

Query Match
Best Local Similarity 16.2%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTCCTTTT 929
Db 3 TGATCTTTCCTTCT 17

RESULT 143
LOCUS AX217395 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2837 from Patent WO0159103.
ACCESSION AX217395
VERSION AX217395.1 GI:15527456
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
JOURNAL Patent: WO 0159103-A 2837 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism='synthetic construct'
/mol_type='unassigned RNA'

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/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCTTTT 929
Db 2 TGATCTTTCCTTCT 16

RESULT 144
AX217974
LOCUS AX217974 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3416 from Patent WO0159103.
ACCESSION AX217974
VERSION AX217974.1 GI:15528035
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Blatt, L., Meswigen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 3416 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCTTTT 929
Db 1 TGATCTTTCCTTCT 15

RESULT 145
AX503033/c
LOCUS AX503033 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 4340 from Patent EP1229046.
ACCESSION AX503033
VERSION AX503033.1 GI:23385326
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 4340 07-AUG-2002;
Aecomica, Inc. (US)
FEATURES
location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCTTTT 929
Db 1 TGATCTTTCCTTCT 15

RESULT 146
AX782443/c
LOCUS AX782443 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 774 from Patent WO03050284.
ACCESSION AX782443
VERSION AX782443.1 GI:32950292
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Guo, J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 774 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGG 947
Db 17 CTTCCTCTTCATGG 3

RESULT 147
AX782444/c
LOCUS AX782444 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 775 from Patent WO03050284.
ACCESSION AX782444
VERSION AX782444.1 GI:32950293
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Guo, J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 775 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGG 947
Db 16 CTTCCTCTTCATGG 2

RESULT 148
AX782445/c
LOCUS AX782445 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 776 from Patent WO03050284.
ACCESSION AX782445
VERSION AX782445.1 GI:32950294
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1.
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 776 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCTCTTCATTGG 947
DB 15 CTCTCTCTTCATTGG 1

RESULT 149
BD201346
LOCUS 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD201346
VERSION BD201346.1 GI:33011116
KEYWORDS JP 2002509721-A/4372.
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 4372 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/4372
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
FT /organism="Homo sapiens (human)".
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGATC 958
DB 2 TTGGTTTAAATCAATC 15

RESULT 151
BD201347
LOCUS 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 72 from patent US 6107092.
ACCESSION AR106911
VERSION AR106911
KEYWORDS AR106911.1 GI:12821441
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Cosset,L.M., Bennett,C.Frank. and O'Malley,B.W.
TITLE Antisense modulation of SRA expression
JOURNAL Patent: US 6107092-A 72 22-AUG-2000;
LOCATION/Qualifiers
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source
1..18
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGATC 958
DB 3 TTGGTTTAAATCAATC 17

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RESULT 150
BD201347
LOCUS 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD201347
VERSION BD201347.1 GI:33011117
KEYWORDS JP 2002509721-A/4373.
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 4373 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/4373
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
FT /organism="Homo sapiens (human)".
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
Query Match 16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGATC 958
DB 2 TTGGTTTAAATCAATC 15

RESULT 151
BD201347
LOCUS 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 72 from patent US 6107092.
ACCESSION AR106911
VERSION AR106911
KEYWORDS AR106911.1 GI:12821441
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Cosset,L.M., Bennett,C.Frank. and O'Malley,B.W.
TITLE Antisense modulation of SRA expression
JOURNAL Patent: US 6107092-A 72 22-AUG-2000;
LOCATION/Qualifiers
FEATURES
source
1..18
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGATC 958
DB 3 TTGGTTTAAATCAATC 17

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Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 935 TCCTTCATGGT 949
Db 2 TTCTTCATGGCT 16

RESULT 152
AR156048/c
LOCUS AR156048 18 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 21 from patent US 6239327.
ACCESSION AR156048
VERSION AR156048.1 GI:15124101
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Grossniklaus,U. and Vielle-Calzada,J.-P.
TITLE Seed specific polycarb group gene and methods of use for same
JOURNAL Patent: US 6239327-A 2129-MAY-2001;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 CCCTTTATCCCTCT 938
Db 17 CCCTTCCTCCCTCT 3

RESULT 153
AR211241/c
LOCUS AR211241 18 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 154 from patent US 6399297.
ACCESSION AR211241
VERSION AR211241.1 GI:21514511
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F., Cowser,L.M., Monia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFs)
JOURNAL Patent: US 6399297-A 154 04-JUN-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 909 TTCTTTGGCTTTG 923
Db 16 TTCTTTGGACTTG 2

RESULT 154
AR294885
LOCUS AR294885 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 6620 from patent US 6537751.
ACCESSION AR294885
VERSION AR294885.1 GI:31692169
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 938 TCCTTCATGGTTAA 952
Db 4 TCCTTCATGGTTGA 18

RESULT 156
AX060931
LOCUS AX060931 18 bp DNA linear PAT 22-JAN-2001
DEFINITION Sequence 40 from Patent WO0078971.
ACCESSION AX060931
VERSION AX060931.1 GI:12406306
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lawn,R.M., Wade,D., Oram,J.F. and Garvin,M.
TITLE Atp binding cassette transporter protein abcl polypeptides
JOURNAL Patent: WO 0078971-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="ABCl sequencing primer"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 938 TCCTTCATGGTTAA 952
Db 4 TCCTTCATGGTTGA 18

RESULT 156
AX060931
LOCUS AX060931 18 bp DNA linear PAT 22-JAN-2001
DEFINITION Sequence 40 from Patent WO0078971.
ACCESSION AX060931
VERSION AX060931.1 GI:12406306
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lawn,R.M., Wade,D., Oram,J.F. and Garvin,M.
TITLE Atp binding cassette transporter protein abcl polypeptides
JOURNAL Patent: WO 0078971-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="ABCl sequencing primer"

Unclassified.
1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 6620 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 903 GGTCAATTTCTTTGG 917
Db 4 GGACATTTTCATGG 18

RESULT 155
AX060752
LOCUS AX060752 18 bp DNA linear PAT 22-JAN-2001
DEFINITION Sequence 40 from Patent WO0078972.
ACCESSION AX060752
VERSION AX060752.1 GI:12406139
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lawn,R.M., Wade,D. and Garvin,M.
TITLE Regulation with binding cassette transporter protein abcl
JOURNAL Patent: WO 0078972-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="ABCl sequencing primer"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 938 TCCTTCATGGTTAA 952
Db 4 TCCTTCATGGTTGA 18

RESULT 156
AX060931
LOCUS AX060931 18 bp DNA linear PAT 22-JAN-2001
DEFINITION Sequence 40 from Patent WO0078971.
ACCESSION AX060931
VERSION AX060931.1 GI:12406306
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lawn,R.M., Wade,D., Oram,J.F. and Garvin,M.
TITLE Atp binding cassette transporter protein abcl polypeptides
JOURNAL Patent: WO 0078971-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCCTCATTGGTTTAA 952
 Db 4 TCCTCATTGGTTTGA 18

RESULT 157

AX599379
 LOCUS AX599379 18 bp DNA linear PAT 14-FEB-2003
 DEFINITION Sequence 719 from Patent WO02077272.
 ACCESSION AX599379
 VERSION AX599379.1 GI:28399523
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Berlin,K., Braun,A., Distler,J., Guetig,D., Howe,A., Mueller,J., Olek,A., Piepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Leu,E., Lewin,A., Lipscher,E., Maier,S., Model,F., Mueller,V., Otto,T., Pelet,C. and Ziebarth,H.
 TITLE Methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders

JOURNAL Patent: WO 02077272-A 719 03-OCT-2002;
 Epigenomics AG (DE)

FEATURES
 source
 Location/Qualifiers
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 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Detection oligonucleotide for CDKN2a"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
 Db 1 TTGTTTAACGATCG 15

RESULT 158

AX599380
 LOCUS AX599380 18 bp DNA linear PAT 14-FEB-2003
 DEFINITION Sequence 720 from Patent WO02077272.
 ACCESSION AX599380
 VERSION AX599380.1 GI:28399524
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Berlin,K., Braun,A., Distler,J., Guetig,D., Howe,A., Mueller,J., Olek,A., Piepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Leu,E., Lewin,A., Lipscher,E., Maier,S., Model,F., Mueller,V., Otto,T., Pelet,C. and Ziebarth,H.
 TITLE Methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders

JOURNAL Patent: WO 02077272-A 720 03-OCT-2002;
 Epigenomics AG (DE)

FEATURES
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 Location/Qualifiers
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 /db_xref="taxon:32630"
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Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
 Db 1 TTGTTTAATGATCG 15

RESULT 159

AX767769
 LOCUS AX767769 18 bp DNA linear PAT 02-JUL-2003
 DEFINITION Sequence 417 from Patent WO03044226.
 ACCESSION AX767769
 VERSION AX767769.1 GI:32436455
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Burger,M., Caldwell,C., Genc,B., Becker,E., Maier,S. and Nimrich,I.
 TITLE Method and nucleic acids for the analysis of a lymphoid cell proliferative disorder

JOURNAL Patent: WO 03044226-A 417 30-MAY-2003;
 Epigenomics AG (DE)

FEATURES
 source
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 /organism="synthetic construct"
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 /db_xref="taxon:32630"
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Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
 Db 1 TTGTTTAACGATCG 15

RESULT 160

AX767770
 LOCUS AX767770 18 bp DNA linear PAT 02-JUL-2003
 DEFINITION Sequence 418 from Patent WO03044226.
 ACCESSION AX767770
 VERSION AX767770.1 GI:32436456
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Burger,M., Caldwell,C., Genc,B., Becker,E., Maier,S. and Nimrich,I.
 TITLE Method and nucleic acids for the analysis of a lymphoid cell proliferative disorder

JOURNAL Patent: WO 03044226-A 418 30-MAY-2003;
 Epigenomics AG (DE)

FEATURES
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 Location/Qualifiers
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 /organism="synthetic construct"
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 /db_xref="taxon:32630"
 /note="Detection oligonucleotide for CDKN2a"

Query Match 16.2%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 1.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATCG 959
 Db 1 TTGTTTAATGATCG 15

RESULT 161

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AX796241
LOCUS AX796241 18 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 584 from Patent WO03052135.
ACCESSION AX796241
VERSION AX796241.1 GI:37516907
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Burger,M., Field,J.K., Genc,B., Liloglou,T., Lipscher,E., Maier,S.
and Nimrich,I.
TITLE Method and nucleic acids for the analysis of a lung cell
proliferative disorder
JOURNAL Patent: WO 03052135-A 584 26-JUN-2003;
Epigenomics AG (DE)
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source
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Detection oligonucleotide for CDKN2a"
Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 945 TGGTTTAATGATCG 959
| | | | | | | | | |
Db 1 TTGTTTAACGTATCG 15

RESULT 162
AX796242
LOCUS AX796242 18 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 585 from Patent WO03052135.
ACCESSION AX796242
VERSION AX796242.1 GI:37516908
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Burger,M., Field,J.K., Genc,B., Liloglou,T., Lipscher,E., Maier,S.
and Nimrich,I.
TITLE Method and nucleic acids for the analysis of a lung cell
proliferative disorder
JOURNAL Patent: WO 03052135-A 585 26-JUN-2003;
Epigenomics AG (DE)
FEATURES
source
1..18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Detection oligonucleotide for CDKN2a"
Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 945 TGGTTTAATGATCG 959
| | | | | | | | | |
Db 1 TTGTTTAACGTATCG 15

RESULT 163
BD225019/c
LOCUS BD225019 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of expression of tumor necrosis factor
receptor-associated factor (TRAF).
ACCESSION BD225019
VERSION BD225019.1 GI:33034789
KEYWORDS JP 2002526095-A/154.

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SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F., Cowsett,L.M., Monia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor
receptor-associated factor (TRAF)
JOURNAL Patent: JP 2002526095-A 154 20-AUG-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002526095-A/154
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574546
PR 06-OCT-1998 US 09/167109
PI BRENDA F BAKER, LEX M COMSERT, BRETT P MONIA, XIAOXING S XU PC
C12N15/09; A61K31/7105; A61K48/00; A61F29/00; A61F35/04; C12N15/00 CC
antisense sequence
FH Key Location/Qualifiers
FT source 1..18
FT /organism="Artificial Sequence".
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1..18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 909 TTCTTTGGTCTTG 923
| | | | | | | | | |
Db 16 TTCTCTGGACTTG 2

RESULT 164
HSRETPO11
LOCUS H.sapiens Ret Proto-Oncogene, Intron 11 (3').
DEFINITION 18 bp DNA linear PRI 13-DEC-1994
ACCESSION X79751
VERSION X79751.1 GI:601962
KEYWORDS Intron; ret gene; ret proto-oncogene.
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Mulligan,L.M., Eng,C., Attie,T., Lyonnet,S., Marsh,D.J.,
Hyland,V.J., Robinson,B.G., Filling,A., Verellen-Dumoulin,C.,
Safar,A., Venter,D.J., Munnich,A. and Ponder,B.A.J.
TITLE Diverse phenotypes associated with exon 10 mutations of the RET
proto-oncogene
JOURNAL Hum. Mol. Genet. 3 (12), 2163-2167 (1994)
MEDLINE 95187155
PUBMED 7881414
REFERENCE 2 (bases 1 to 18)
AUTHORS Eng,C.
TITLE Direct Submission
JOURNAL Submitted (14-JUN-1994) C. Eng, University of Cambridge, Dept of
Pathology, Tennis Court Road, Cambridge CB2 1QP, UK
FEATURES
source
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Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/isolate="CR3"
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/note="3", end"
/number=11

Query Match 16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 928 TTATCCCTCCCTTC 942
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Db 2 TTTTCCCCCTTC 16

RESULT 165

AX724242 AX724242 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1929 from Patent WO03025176.
ACCESSION AX724242
VERSION AX724242.1 GI:30503585

KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus

ORGANISM Mus musculus
REFERENCE 1
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.

TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines

JOURNAL Patent: WO 03025176-A 1929 27-MAR-2003;
Molecular Engines Laboratories (FR)

FEATURES
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 15.9%; Score 11.6; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 1.7e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 918 TCTTTGCTTTT 929
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Db 6 TCTTTGCTTTT 17

RESULT 166

AR135855/c AR135855 15 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 57 from patent US 6136568.
ACCESSION AR135855

VERSION AR135855.1 GI:14476527

KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)

AUTHORS Hiatt, A.C. and Rose, F.D.

TITLE De novo polynucleotide synthesis using rolling templates

JOURNAL Patent: US 6136568-A 57 24-OCT-2000;
Molecular Engines Laboratories

FEATURES
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 15.6%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCTTCA 943
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Db 15 TGCCTCCTCTTCA 3

RESULT 167

E32328 E32328 15 bp DNA linear PAT 18-JUN-2001
LOCUS
DEFINITION Species-specific detection method for trichosporon and novel
polynucleotide.

ACCESSION E32328.1 GI:13022244

VERSION E32328 JP 2000060564-A/96.

KEYWORDS Trichosporon aquatile

SOURCE Trichosporon aquatile

ORGANISM Eukaryota; Fungi; Basidiomycota; Hymenomycetes;
Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
Trichosporon.

REFERENCE 1 (bases 1 to 15)
AUTHORS Takashi, S., Akemi, N. and Takako, S.

TITLE Species-specific detection method for trichosporon and novel
polynucleotide

JOURNAL Patent: JP 2000060564-A 96 29-FEB-2000;
IATRON LAB INC

COMMENT OS Trichosporon aquatile
PN JP 2000060564-A/96
PD 29-FEB-2000

PF 24-AUG-1998 JP 1998237060
PR

PI TAKASHI, SUGITA, AKEMI, NISHIKAWA, TAKAKO, SHINODA, PC
C12N15/09, C12Q1/04, C12Q1/68// (C12N15/09, C12R1.645), C12N15/00, PC
(C12N15/00, C12R1.645)

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Location/Qualifiers
1..15

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source
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Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 940 TTCATTGGCTTAA 952
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Db 1 TTCATTGGCTTAA 13

RESULT 168

I35109 I35109 15 bp DNA linear PAT 13-MAY-1997
LOCUS
DEFINITION Sequence 77 from patent US 5599706.
ACCESSION I35109

VERSION I35109.1 GI:2088077

KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)

AUTHORS Stinchcomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R.

TITLE Ribozymes targeted to apo(a) mRNA

JOURNAL Patent: US 5599706-A 77 04-FEB-1997;
Molecular Engines Laboratories

FEATURES
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Query Match 15.6%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCTCTTCATT 945
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Db 2 CATCTCTTCATT 14

RESULT 169
LOCUS I35110 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 78 from patent US 5599706.
ACCESSION I35110
VERSION I35110.1 GI:2088078
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., McSwiggen,J., Newton,R.S. and Ramharack,R.
TITLE Ribozymes targeted to apo(a) mRNA
JOURNAL Patent: US 559706-A 78 04-FEB-1997;
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
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QY 935 TCCTCTTCATTGG 947
Db 2 TCCTCTTCATTG 14
RESULT 170
LOCUS AX217393 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2835 from Patent WO0159103.
ACCESSION AX217393
VERSION AX217393.1 GI:15527454
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
Patent: WO 0159103-A 2835 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 915 TGGTCTTTGCCTT 927
Db 5 TGATCTTTGCCTT 17
RESULT 171
LOCUS AX217760 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3202 from Patent WO0159103.
ACCESSION AX217760
VERSION AX217760.1 GI:15527821
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1

AUTHORS Blatt,L., McSwiggen,J. and Chowrira,B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
Patent: WO 0159103-A 3202 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES Location/Qualifiers
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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QY 915 TGGTCTTTGCCTT 927
Db 4 TGATCTTTGCCTT 16
RESULT 172
LOCUS AX324445 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 583 from Patent WO0192512.
ACCESSION AX324445
VERSION AX324445.1 GI:18095198
KEYWORDS
SOURCE Lycopersicon esculentum (tomato)
ORGANISM Lycopersicon esculentum
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
asterids; lamids; Solanales; Solanaceae; Solanum; Lycopersicon.
REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL single stranded oligonucleotides
Patent: WO 0192512-A 583 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES Location/Qualifiers
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Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 939 CTTTCATTGGTTTA 951
Db 3 CTTTCATTGGTTTA 15
RESULT 173
LOCUS AX324446/C 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 584 from Patent WO0192512.
ACCESSION AX324446
VERSION AX324446.1 GI:18095199
KEYWORDS
SOURCE Lycopersicon esculentum (tomato)
ORGANISM Lycopersicon esculentum
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
asterids; lamids; Solanales; Solanaceae; Solanum; Lycopersicon.
REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
TITLE Targeted chromosomal genomic alterations in plants using modified
JOURNAL single stranded oligonucleotides
Patent: WO 0192512-A 584 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)


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AX724485
LOCUS AX724485 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2172 from Patent WO03025176.
ACCESSION AX724485
VERSION AX724485.1 GI:30503828
KEYWORDS Mus musculus (house mouse)
SOURCE
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 2172 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
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Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 933 CCTCCTCTTCATT 945
Db 4 CCTCATCTTCATT 16
RESULT 179
AX731485/c
LOCUS AX731485 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3119 from Patent WO03025175.
ACCESSION AX731485
VERSION AX731485.1 GI:30510828
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3119 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
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Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 919 CTTTGCCCTTTTAT 931
Db 17 CTTTGCCCTTTTAT 5
RESULT 180
AX733691
LOCUS AX733691 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5325 from Patent WO03025175.
ACCESSION AX733691
VERSION AX733691.1 GI:30513034
KEYWORDS Homo sapiens (human)
SOURCE
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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 5325 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 935 TCCTCTTCATTGG 947
Db 3 TCCTCTTCATTGG 15
RESULT 181
AX735593
LOCUS AX735593 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1183 from Patent WO03025177.
ACCESSION AX735593
VERSION AX735593.1 GI:30514870
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1183 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCTTC 942
Db 2 ATCCCTCCTCTTC 14
RESULT 182
AX737863/c
LOCUS AX737863 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3453 from Patent WO03025177.
ACCESSION AX737863
VERSION AX737863.1 GI:30517151
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
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Db 3 TCTTTGGTCTGG 15
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RESULT 187
AX761473
LOCUS AX761473 linear PAT 25-JUN-2003
DEFINITION Sequence 4794 from Patent WO03040369.
ACCESSION AX761473
VERSION AX761473.1 GI:32256089
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4794 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGG 947
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Db 3 TCCTCTTCATTGG 15
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RESULT 188
AX762413
LOCUS AX762413 linear PAT 25-JUN-2003
DEFINITION Sequence 5734 from Patent WO03040369.
ACCESSION AX762413
VERSION AX762413.1 GI:32257029
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 5734 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e-02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCATTTCTTT 915
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Db 1 GATCATTTCTTT 13
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RESULT 189
AX782441/c
LOCUS AX782441 linear PAT 17-JUL-2003
DEFINITION Sequence 772 from Patent WO03050284.
ACCESSION AX782441
VERSION AX782441.1 GI:32950290
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 772 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGG 947
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Db 17 TCCTCTTCATTGG 5
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RESULT 190
AX782442/c
LOCUS AX782442 linear PAT 17-JUL-2003
DEFINITION Sequence 773 from Patent WO03050284.
ACCESSION AX782442
VERSION AX782442.1 GI:32950291
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 773 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 16 TCCTCTTCATTGG 4
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RESULT 191
BD199174
LOCUS BD199174 linear RNA PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD199174
VERSION BD199174.1 GI:33008944
KEYWORDS JP 2002509721-A/2200.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
REFERENCE
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.

TITLE Method and reagent for treating diseases or conditions concerning
JOURNAL molecule participating in vasculogenic response
COMMENT Patent: JP 2002509721-A 2200 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC
 OS Homo sapiens (human)
 PN JP 2002509721-A/2200
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
 PC
 C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
 C12N5/00
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 CC concerning molecule
 CC participating in vasculogenic response
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 Best Local Similarity 92.3%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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 DB 5 CATTTATCCCTC 17
 RESULT 192
 BD199175
LOCUS 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response.
ACCESSION BD199175
VERSION BD199175.1 GI:33008945
KEYWORDS JP 2002509721-A/2201.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 17)
REFERENCE
AUTHORS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
TITLE Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 2201 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
 PN JP 2002509721-A/2201
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
 PC
 C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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 CC Method and reagent for treating diseases or conditions CC
 CC concerning molecule
 CC participating in vasculogenic response
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FEATURES source
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 Query Match 15.6%; Score 11.4; DB 1; Length 17;
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 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 924 CCTTTATCCCTC 936
 DB 5 CATTTATCCCTC 17
 RESULT 192
 BD199175
LOCUS 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response.
ACCESSION BD199175
VERSION BD199175.1 GI:33008945
KEYWORDS JP 2002509721-A/2201.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 17)
REFERENCE
AUTHORS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
TITLE Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 2201 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
 PN JP 2002509721-A/2201
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
 PC
 C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
 C12N5/00
 CC Method and reagent for treating diseases or conditions CC
 CC concerning molecule
 CC participating in vasculogenic response
 FH Key Location/Qualifiers
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 FT /organism='Homo sapiens (human)'.

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 /mol_type='genomic RNA'
 /db_xref='taxon:9606'
 Query Match 15.6%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 924 CCTTTATCCCTC 936
 DB 4 CATTTATCCCTC 16
 RESULT 193
 BD199176
LOCUS 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response.
ACCESSION BD199176
VERSION BD199176.1 GI:33008946
KEYWORDS JP 2002509721-A/2202.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 17)
REFERENCE
AUTHORS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
TITLE Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 2202 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
 PN JP 2002509721-A/2202
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
 PC
 C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
 C12N5/00
 CC Method and reagent for treating diseases or conditions CC
 CC concerning molecule
 CC participating in vasculogenic response
 FH Key Location/Qualifiers
 FT source 1..17
 FT /organism='Homo sapiens (human)'.
FEATURES source
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 /mol_type='genomic RNA'
 /db_xref='taxon:9606'
 Query Match 15.6%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 1.9e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 924 CCTTTATCCCTC 936
 DB 3 CATTTATCCCTC 15
 RESULT 194
 BD200682
LOCUS 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response.
ACCESSION BD200682
VERSION BD200682.1 GI:33010452

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KEYWORDS  JP 2002509721-A/3708.
SOURCE     Homo sapiens
ORGANISM   Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE  1 (bases 1 to 17)
AUTHORS   Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE      Method and reagent for treating diseases or conditions concerning
           molecule participating in vasculogenic response
JOURNAL    Patent: JP 2002509721-A 3708 02-APR-2002;
           RIBOZYME PHARMACEUTICALS INC
COMMENT    OS Homo sapiens (human)
           PN JP 2002509721-A/3708
           PD 02-APR-2002
           PF 24-MAR-1999 JP 2000541291
           PR 27-MAR-1998 US 60/079678
           PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
           PJ JAMES A MCSWIGGEN
           PC

C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
FH Key Location/Qualifiers
FT Source 1..17
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           /db_xref='taxon:9606'

FEATURES
source
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCT 920
    |||||
DB 3 TTTTCTTTGGACT 15

RESULT 196
BD200684
LOCUS      17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
           molecule participating in vasculogenic response.
ACCESSION  BD200684
VERSION    BD200684.1 GI:33010454
KEYWORDS   JP 2002509721-A/3710.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
           Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
           Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
           1 (bases 1 to 17)

REFERENCE  Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
AUTHORS   Method and reagent for treating diseases or conditions concerning
TITLE      molecule participating in vasculogenic response
JOURNAL    Patent: JP 2002509721-A 3710 02-APR-2002;
           RIBOZYME PHARMACEUTICALS INC
COMMENT    OS Homo sapiens (human)
           PN JP 2002509721-A/3710
           PD 02-APR-2002
           PF 24-MAR-1999 JP 2000541291
           PR 27-MAR-1998 US 60/079678
           PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
           PJ JAMES A MCSWIGGEN
           PC

C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
FH Key Location/Qualifiers
FT Source 1..17
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           /mol_type='genomic RNA'
           /db_xref='taxon:9606'

FEATURES
source
Query Match 15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCT 920
    |||||
DB 5 TTTTCTTTGGACT 17

RESULT 195
BD200683
LOCUS      17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
           molecule participating in vasculogenic response.
ACCESSION  BD200683
VERSION    BD200683.1 GI:33010453
KEYWORDS   JP 2002509721-A/3709.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
           Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
           Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
           1 (bases 1 to 17)

REFERENCE  Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
AUTHORS   Method and reagent for treating diseases or conditions concerning
TITLE      molecule participating in vasculogenic response
JOURNAL    Patent: JP 2002509721-A 3709 02-APR-2002;
           RIBOZYME PHARMACEUTICALS INC
COMMENT    OS Homo sapiens (human)
           PN JP 2002509721-A/3709
           PD 02-APR-2002
           PF 24-MAR-1999 JP 2000541291
           PR 27-MAR-1998 US 60/079678
           PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
           PJ JAMES A MCSWIGGEN
           PC

C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC

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RESULT 197
AR261704      AR261704      16 bp  DNA      linear      PAT 29-JAN-2003
LOCUS
DEFINITION   Sequence 186 from patent US 6322976.
ACCESSION    AR261704
VERSION      AR261704.1 GI:28072782
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 16)
AUTHORS      Altman,T.J., Scott,J. and Stanton,L.W.
TITLE        Compositions and methods of disease diagnosis and therapy
JOURNAL      Patent: US 6322976-A 186 27-NOV-2001;
FEATURES
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/organism="unknown"
/mol_type="genomic DNA"

Query Match      15.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      936 CCTCTTCATTGGTTTA 951
Db      1 CCTATCTTTGGCTTA 16

RESULT 198
AR435917/c
LOCUS
DEFINITION   Sequence 176 from patent US 6656731.
ACCESSION    AR435917
VERSION      AR435917.1 GI:40199001
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 16)
AUTHORS      Eckstein,F., Ludwig,J. and Beigelman,L.
TITLE        Nucleic acid catalysts with endonuclease activity
JOURNAL      Patent: US 6656731-A 176 02-DEC-2003;
FEATURES
source
1..16
/organism="unknown"
/mol_type="unassigned RNA"

Query Match      15.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      937 CTCCTTCATTGGTTAA 952
Db      16 CACTTCATTGTTAAA 1

RESULT 199
AR045573/c
LOCUS
DEFINITION   Sequence 366 from patent US 5817796.
ACCESSION    AR045573
VERSION      AR045573.1 GI:5967038
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE        C-myb ribozymes having 2'-5'-linked adenylyate residues
JOURNAL      Patent: US 5817796-A 366 06-OCT-1998;
FEATURES
source
1..17
/organism="unknown"

Query Match      15.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      937 CTCCTTCATTGGTTAA 952
Db      16 CACTTCATTGTTAAA 1

RESULT 199
AR045573/c
LOCUS
DEFINITION   Sequence 366 from patent US 5817796.
ACCESSION    AR045573
VERSION      AR045573.1 GI:5967038
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE        C-myb ribozymes having 2'-5'-linked adenylyate residues
JOURNAL      Patent: US 5817796-A 366 06-OCT-1998;
FEATURES
source
1..17
/organism="unknown"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      948 TTTAATGATCGCTAC 963
Db      16 TTACATGTACGCTAC 1

/mol_type="unassigned DNA"

RESULT 200
AR046219
LOCUS
DEFINITION   Sequence 1012 from patent US 5817796.
ACCESSION    AR046219
VERSION      AR046219.1 GI:5967684
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE        C-myb ribozymes having 2'-5'-linked adenylyate residues
JOURNAL      Patent: US 5817796-A 1012 06-OCT-1998;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      913 TTTGGTCTTTGCCCTT 928
Db      1 TATGCTCTTAGCCTGT 16

RESULT 201
AR110567
LOCUS
DEFINITION   Sequence 47 from patent US 6114601.
ACCESSION    AR110567
VERSION      AR110567.1 GI:12826843
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Kikuchi,Y., Kiyokawa,S., Shimada,Y., Ohbayashi,M., Shimada,R. and Okinaka,Y.
TITLE        Plant genes encoding flavonoid-3', 5'-hydroxylase
JOURNAL      Patent: US 6114601-A 47 05-SEP-2000;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      900 CTGCTCATTTCTTTG 916
Db      1 CCNGGGCATATCTTCG 17

RESULT 202
AR151787
LOCUS
DEFINITION   Sequence 47 from patent US 6232109.
ACCESSION    AR151787
FEATURES
source
17 bp  DNA      linear      PAT 08-AUG-2001
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VERSION ARI51787.1 GI:15117837
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Kikuchi,Y., Kiyokawa,S., Shimada,Y., Ohbayashi,M., Shimada,R. and Okinaka,Y.
TITLE Plant genes
JOURNAL Patent: US 6232109-A 47 15-MAY-2001;
FEATURES
    source
    Location/Qualifiers
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            /organism="unknown"
            /mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 900 CCTGTCATTTCTTTC 916
Db 1 CCNGGGCATTCTTCG 17

RESULT 203
LOCUS ARI53518 17 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 28 from patent US 6235525.
ACCESSION ARI53518
VERSION ARI53518.1 GI:15121050
KEYWORDS Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS van den Eynde,B., van der Bruggen,P. and Boon-Falleur,T.
TITLE Isolated nucleic acid molecules coding for tumor rejection antigen precursor Mage-3 and uses thereof
JOURNAL Patent: US 6235525-A 28 22-MAY-2001;
FEATURES
    source
    Location/Qualifiers
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            /organism="unknown"
            /mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTC 942
Db 16 TTGGCCCTCCTCTTC 1

RESULT 204
LOCUS BD241648 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION BD241648
VERSION BD241648.1 GI:33051418
KEYWORDS JP 2002525127-A/595.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
TITLE Methods and products related to genotyping and DNA analysis
JOURNAL Patent: JP 2002525127-A 595 13-AUG-2002;
COMMENT MASSACHUSETTS INSTITUTE OF TECHNOLOGY
    OS Homo sapiens (human)
    PN JP 2002525127-A/595
    PD 13-AUG-2002
    PF 24-SEP-1999 JP 2000572407

PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis FH
key
    Location/Qualifiers
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FT source
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 922 TGCCTTTATCCCTCC 937
Db 2 TGCCTTTATCTGCC 17

RESULT 205
LOCUS BD256443 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD256443
VERSION BD256443.1 GI:33066213
KEYWORDS JP 2002541795-A/4236.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 4236 10-DEC-2002;
COMMENT RiBOZYME PHARMACEUTICALS INC
    OS Eukaryote
    PN JP 2002541795-A/4236
    PD 10-DEC-2002
    PP 11-APR-2000 JP 2000611654
    PR 12-APR-1999 US 60/129390
    PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
    C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
    C12P21/02,
    C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
    C12R1:91)
    PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
    PC A61K37/02,
    PC (C12N5/00, C12R1:91)
    CC Regulation of repressor genes using nucleic acid molecules FH
    key
    Location/Qualifiers
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    Location/Qualifiers
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            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 TCTTTGTCCTTTCCTC 926
Db 1 TTTTGTATCTTTGCGT 16

RESULT 206

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BD256891
LOCUS          17 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION    Regulation of repressor genes using nucleic acid molecules.
ACCESSION    BD256891
VERSION      BD256891.1 GI:33066661
KEYWORDS     JP 2002541795-A/4684.
SOURCE       unidentified
ORGANISM     unclassified.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE       Regulation of repressor genes using nucleic acid molecules
JOURNAL     Patent: JP 2002541795-A 4684 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT     OS Eukaryote
            PN JP 2002541795-A/4684
            PD 10-DEC-2002
            PE 11-APR-2000 JP 2000611654
            PR 12-APR-1999 US 60/129390
            PT LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
            C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
            C12P21/02,
            PC
            C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
            C12R1:91),
            PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
            PC A61K37/02,
            PC (C12N5/00, C12R1:91)
            CC Regulation of repressor genes using nucleic acid molecules FH
            Key Location/Qualifiers
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            FT /organism='Eukaryote'.

FEATURES             source
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            /mol_type='genomic DNA'
            /db_xref='taxon:32644'

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTTGGCT 926
Db 1 TTTTGTGATCTTTGGCT 16

RESULT 207
E04162
LOCUS          17 bp      DNA      linear      PAT 29-SEP-1997
DEFINITION    DNA sequence of Mycoplasma fermentans rRNA gene.
ACCESSION    E04162
VERSION      E04162.1 GI:2172372
KEYWORDS     JP 1993000088-A/17.
SOURCE       Mycoplasma fermentans
ORGANISM     Bacteria; Firmicutes; Mollicutes; Mycoplasmataceae; Mycoplasma.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Nakagami S., Kawai S. and Oka, K.
TITLE       NEW NUCLEIC ACID FRAGMENT AND DETECTION OF MYCOPLASMA USING THE
JOURNAL     SAME
COMMENT     Patent: JP 1993000088-A 17 08-JAN-1993;
            WAKUNAGA PHARMACEUT CO LTD, DAINIPPON PHARMACEUT CO LTD
            OS Mycoplasma fermentans
            PN JP 1993000088-A/17
            PD 08-JAN-1993
            PE 25-JUN-1991 JP 1991153541
            PT NAKAGAMI SATOSHI, KAWAI SHINTARO, OKA KUNIHIRO PC
            C12N15/11, C12Q1/04, C12Q1/68, C12Q1/68;
            CC strandedness: Double;
            CC topology: Linear;
            CC hypothetical: No;
            CC anti-sense: No.

E04162
LOCUS          17 bp      DNA      linear      PAT 29-SEP-1997
DEFINITION    DNA sequence of Mycoplasma fermentans rRNA gene.
ACCESSION    E04162
VERSION      E04162.1 GI:2172372
KEYWORDS     JP 1993000088-A/17.
SOURCE       Mycoplasma fermentans
ORGANISM     Bacteria; Firmicutes; Mollicutes; Mycoplasmataceae; Mycoplasma.
REFERENCE    1 (bases 1 to 17)
AUTHORS     Nakagami S., Kawai S. and Oka, K.
TITLE       NEW NUCLEIC ACID FRAGMENT AND DETECTION OF MYCOPLASMA USING THE
JOURNAL     SAME
COMMENT     Patent: JP 1993000088-A 17 08-JAN-1993;
            WAKUNAGA PHARMACEUT CO LTD, DAINIPPON PHARMACEUT CO LTD
            OS Mycoplasma fermentans
            PN JP 1993000088-A/17
            PD 08-JAN-1993
            PE 25-JUN-1991 JP 1991153541
            PT NAKAGAMI SATOSHI, KAWAI SHINTARO, OKA KUNIHIRO PC
            C12N15/11, C12Q1/04, C12Q1/68, C12Q1/68;
            CC strandedness: Double;
            CC topology: Linear;
            CC hypothetical: No;
            CC anti-sense: No.

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FEATURES             Location/Qualifiers
            1..17
            /organism='Mycoplasma fermentans'
            /mol_type='genomic DNA'
            /db_xref='taxon:2115'

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 TTATCCCTCTCTTCA 943
Db 2 TTATCTCTCGTCTTGA 17

RESULT 208
E04429/c
LOCUS          17 bp      DNA      linear      PAT 29-SEP-1997
DEFINITION    DNA encoding primer for cloning proctase.
ACCESSION    E04429
VERSION      E04429.1 GI:2172630
KEYWORDS     JP 1993068570-A/2.
SOURCE       synthetic construct
ORGANISM     artificial sequences.
            1 (bases 1 to 17)
            REFERENCE
            AUTHORS Takahashi,K., Inoue,H., Kimura,T. and Makabe,O.
            TITLE PROCTASE B GENE
            JOURNAL Patent: JP 1993068570-A 2 23-MAR-1993;
            MEIJI SEIKA KAISHA LTD
            COMMENT OS Artificial gene
            OC Artificial sequence; Genes.
            PN JP 1993068570-A/2
            PD 23-MAR-1993
            PE 12-SEP-1991 JP 1991260569
            PT TAKAHASHI KENJI, INOUE HIDEFUMI, KIMURA TAKAO, MAKABE OSAMU PC
            C12N15/57, C12N1/21, C12N9/62, C12N15/70, (C12N15/57, C12R1:68), PC
            (C12N1/21,
            PC C12R1:19), (C12N9/62, C12R1:19);
            CC strandedness: Single;
            CC topology: Linear;
            CC hypothetical: No;
            CC anti-sense: No.

FEATURES             Location/Qualifiers
            1..17
            /organism='synthetic construct'
            /mol_type='genomic DNA'
            /db_xref='taxon:32630'

Query Match          15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGGTTT 950
Db 17 TCCTCATCATTTATT 2

RESULT 209
I36962/c
LOCUS          17 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION    Sequence 48 from patent US 5612201.
ACCESSION    I36962
VERSION      I36962.1 GI:2084922
KEYWORDS     Unknown.
SOURCE       Unknown.
ORGANISM     Unclassified.
            1 (bases 1 to 17)
            REFERENCE
            AUTHORS De plaen,E., Boon-Falleur,T., Lethe,B., Szikora,J.-P., De Smet,C.
            and Chomez,P.
            TITLE Isolated nucleic acid molecules useful in determining expression of
            a tumor rejection antigen precursor

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JOURNAL Patent: US 5612201-A 48 18-MAR-1997;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 927 TTATACCTCTCTCTTC 942
Db 16 TTGGCCCTCTCTCTTC 1
RESULT 210
LOCUS I52625 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 366 from patent US 5646042.
ACCESSION I52625
VERSION I52625.1 GI:2473826
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 366 08-JUL-1997;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 948 TTAAATGATATCGGTAC 963
Db 16 TTACATGTAACGGTAC 1
RESULT 211
LOCUS I53271 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1012 from patent US 5646042.
ACCESSION I53271
VERSION I53271.1 GI:2474474
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1012 08-JUL-1997;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 913 TTGGTCTTTGCCTTT 928
Db 1 TATGGTCTTAGCCTGT 16
RESULT 212
LOCUS AR186086/c

LOCUS AR186086 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 1574 from patent US 6346398.
ACCESSION AR186086
VERSION AR186086.1 GI:20232051
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 1574 12-FEB-2002;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTTC 924
Db 17 TTTCTTTGTACGTTC 2
RESULT 213
LOCUS AR187386 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2874 from patent US 6346398.
ACCESSION AR187386
VERSION AR187386.1 GI:20233351
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2874 12-FEB-2002;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 907 ATTTCTTTGGTCTTT 922
Db 2 ATATTCTCTGCTCTTT 17
RESULT 214
LOCUS AR268079/c 17 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 28 from patent US 6498021.
ACCESSION AR268079
VERSION AR268079.1 GI:29698318
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Guagler,B.
TITLE Isolated nucleic acid molecules coding for tumor rejection antigen precursor MAGE-8 and uses thereof
JOURNAL Patent: US 6498021-A 28 24-DEC-2002;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

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/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 TTTATCCCTCTCTTC 942
Db 16 TTGCCCCCTCTCTTC 1

RESULT 215
AR322060/c
LOCUS AR322060 17 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 28 from patent US 6565857.
ACCESSION AR322060
VERSION AR322060.1 GI:33707566
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS van den Eynde,B., van den Bruggen,P. and Boon-Falleur,T.
TITLE Methods for treating a disorder by using Mage-3 or Mage-3 related materials
JOURNAL Patent: US 6565857-A 28 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 TTTATCCCTCTCTTC 942
Db 16 TTGCCCCCTCTCTTC 1

RESULT 216
AR322717/c
LOCUS AR322717 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 119 from patent US 6566127.
ACCESSION AR322717
VERSION AR322717.1 GI:33708525
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 119 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTTTC 924
Db 17 TTTCTTTGTACGTTTC 2

RESULT 217
AR323996
LOCUS AR323996 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 621 from patent US 6566700.
ACCESSION AR323996.1 GI:40197041
VERSION AR323996.1
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6566700-A 621 02-DEC-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"
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DEFINITION Sequence 1398 from patent US 6566127.
ACCESSION AR323996
VERSION AR323996.1 GI:33709804
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A,1398 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922
Db 2 ATATCTCTGCTCTTT 17

RESULT 218
AR327747/c
LOCUS AR327747 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5149 from patent US 6566127.
ACCESSION AR327747
VERSION AR327747.1 GI:33713555
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5149 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGGCTTTT 929
Db 17 TTGCTTTTGGCTTTT 2

RESULT 219
AR434198/c
LOCUS AR434198 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 621 from patent US 6566700.
ACCESSION AR434198
VERSION AR434198.1 GI:40197041
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6566700-A 621 02-DEC-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"
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LOCUS	AX217533	17 bp	RNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 2975 from Patent WO0159103.				
ACCESSION	AX217533				
VERSION	AX217533.1	GI:15527594			
KEYWORDS	synthetic construct				
SOURCE	artificial sequences.				
ORGANISM					
REFERENCE	1				
AUTHORS	Blatt, L., McSwiggen, J. and Chowrira, B.M.				
TITLE	Method and reagent for the modulation and diagnosis of cd20 and				
JOURNAL	nogo gene expression				
PATENT	Patent: WO 0159103-A 2975 16-AUG-2001;				
PIBOZYME	PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;				
McSwiggen, James (US) ; Chowrira, Bharat M. (US)					
FEATURES	Location/Qualifiers				
source	1..17				
	/organism="synthetic construct"				
	/mol_type="unassigned RNA"				
	/db_xref="taxon:32630"				
	/note="Nucleic Acid"				
Query Match	15.3% ; Score 11.2 ; DB 1 ; Length 17 ;				
Best Local Similarity	81.2% ; Pred. No. 2e+02 ;				
Matches	13 ; Conservative 0 ; Mismatches 3 ; Indels 0 ; Gaps 0 ;				
Qy	907 ATTTCTTTTGGTCTTT 922				
Db	1 ATTTTCTTTTGTCA TT 16				
RESULT 223					
AX218095					
LOCUS	AX218095	17 bp	RNA	linear	PAT 07-SEP-2001
DEFINITION	Sequence 3537 from Patent WO0159103.				
ACCESSION	AX218095				
VERSION	AX218095.1	GI:15528156			
KEYWORDS	synthetic construct				
SOURCE	artificial sequences.				
ORGANISM					
REFERENCE	1				
AUTHORS	Blatt, L., McSwiggen, J. and Chowrira, B.M.				
TITLE	Method and reagent for the modulation and diagnosis of cd20 and				
JOURNAL	nogo gene expression				
PATENT	Patent: WO 0159103-A 3537 16-AUG-2001;				
PIBOZYME	PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;				
McSwiggen, James (US) ; Chowrira, Bharat M. (US)					
FEATURES	Location/Qualifiers				
source	1..17				
	/organism="synthetic construct"				
	/mol_type="unassigned RNA"				
	/db_xref="taxon:32630"				
	/note="Nucleic Acid"				
Query Match	15.3% ; Score 11.2 ; DB 1 ; Length 17 ;				
Best Local Similarity	81.2% ; Pred. No. 2e+02 ;				
Matches	13 ; Conservative 0 ; Mismatches 3 ; Indels 0 ; Gaps 0 ;				
Qy	939 CTTTCATGTTTAATG 954				
Db	2 CATCATGTTTAAAG 17				
RESULT 224					
AX227190					
LOCUS	AX227190	17 bp	RNA	linear	PAT 10-SEP-2001
DEFINITION	Sequence 562 from Patent WO0157206.				
ACCESSION	AX227190				
VERSION	AX227190.1	GI:15556331			
KEYWORDS	synthetic construct				
SOURCE	artificial sequences				
ORGANISM					

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artificial sequences.
REFERENCE
1 Fattaey,A.R., Jarvis,T., Mcswiggen,J., Boober,R.N. and Holman,P.S.
  TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
  1) enzyme
JOURNAL Patent: WO 0157206-A 562 09-AUG-2001;
FEATURES
  source Location/Qualifiers
  1..17
    /organism="synthetic construct"
    /mol_type="unassigned RNA"
    /db_xref="taxon:32630"
  Query Match 15.3%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 81.2%; Pred. No. 2e+02;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 900 CCTGTCATATTTCTTT 915
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Db 2 CCTGATCATATGCTTT 17

RESULT 225
AX325153/c
LOCUS AX325153 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 1291 from Patent WO0192512.
ACCESSION AX325153
VERSION AX325153.1 GI:18095908
KEYWORDS Arabidopsis thaliana (thale cress)
SOURCE Arabidopsis thaliana
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
1 Kniec,E.B., Gamber,H.B., Rice,M.C. and Kim,J.
  TITLE Targeted chromosomal genomic alterations in plants using modified
  single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 1291 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
  source Location/Qualifiers
  1..17
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    /db_xref="taxon:3702"
  Query Match 15.3%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 81.2%; Pred. No. 2e+02;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTT 922
  ||||| ||||| |||||
Db 17 AGTTCTATGGGCTTT 2

RESULT 226
AX325154
LOCUS AX325154 17 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 1292 from Patent WO0192512.
ACCESSION AX325154
VERSION AX325154.1 GI:18095909
KEYWORDS Arabidopsis thaliana (thale cress)
SOURCE Arabidopsis thaliana
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
1 Kniec,E.B., Gamber,H.B., Rice,M.C. and Kim,J.
  TITLE Targeted chromosomal genomic alterations in plants using modified
  single stranded oligonucleotides
JOURNAL Patent: WO 0192512-A 1292 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
  source Location/Qualifiers
  1..17
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    /mol_type="unassigned DNA"
    /db_xref="taxon:3702"
  Query Match 15.3%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 81.2%; Pred. No. 2e+02;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTT 922
  ||||| ||||| |||||
Db 17 AGTTCTATGGGCTTT 2

RESULT 227
AX422665/c
LOCUS AX422665 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1001 from Patent WO0188124.
ACCESSION AX422665
VERSION AX422665.1 GI:21526047
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
  Randi,A.M.
  TITLE Method and reagent for the inhibition of erg
  JOURNAL Patent: WO 0188124-A 1001 22-NOV-2001;
  RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
  source Location/Qualifiers
  1..17
    /organism="Homo sapiens"
    /mol_type="unassigned RNA"
    /db_xref="taxon:9606"
  Query Match 15.3%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 81.2%; Pred. No. 2e+02;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTTTG 923
  ||||| ||||| |||||
Db 17 TTTTCTTTGTTTGG 2

RESULT 228
AX422924/c
LOCUS AX422924 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1260 from Patent WO0188124.
ACCESSION AX422924
VERSION AX422924.1 GI:21526306
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
  Randi,A.M.
  TITLE Method and reagent for the inhibition of erg
  JOURNAL Patent: WO 0188124-A 1260 22-NOV-2001;
  RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
  source Location/Qualifiers
  1..17
    /organism="Homo sapiens"
    /mol_type="unassigned RNA"
    /db_xref="taxon:9606"
  Query Match 15.3%; Score 11.2; DB 1; Length 17;
  Best Local Similarity 81.2%; Pred. No. 2e+02;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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FEATURES
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    Aeonica, Inc. (US)
    Location/Qualifiers
      1..17
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity
  81.2%; Pred. No. 2e+02;
Matches
  13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTCAT 944
Db 1 TATCCATCATATTCAT 16

RESULT 234
AX578382
LOCUS AX578382 17 bp RNA linear PAT 10-JAN-2003
DEFINITION Sequence 220 from Patent WO0211674.
ACCESSION AX578382
VERSION AX578382.1 GI:27647584
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1 Thompson,J., Mcswiggen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
  and Grupe,A.
  Method and reagent for the inhibition of calcium activated chloride
  channel-1 (clca-1)
  Patent: WO 0211674-A 220 14-FEB-2002;
  RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
  Thompson, James (US)
FEATURES
  source
    1..17
      /organism="Homo sapiens"
      /mol_type="unassigned RNA"
      /db_xref="taxon:9606"

Query Match
  15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity
  81.2%; Pred. No. 2e+02;
Matches
  13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCCTCCTCTTCAT 946
Db 1 TCCACCTCTTCAT 16

RESULT 235
AX578816/c
LOCUS AX578816 17 bp RNA linear PAT 10-JAN-2003
DEFINITION Sequence 654 from Patent WO0211674.
ACCESSION AX578816
VERSION AX578816.1 GI:27648018
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1 Thompson,J., Mcswiggen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
  and Grupe,A.
  Method and reagent for the inhibition of calcium activated chloride
  channel-1 (clca-1)
  Patent: WO 0211674-A 654 14-FEB-2002;
  RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
  Thompson, James (US)
FEATURES
  source
    1..17
      /organism="Homo sapiens"
      /mol_type="unassigned RNA"

Query Match
  15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity
  81.2%; Pred. No. 2e+02;
Matches
  13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 933 TCCCTCCTCTTCAT 945
Db 2 ATCCACCTCTTCAT 17

RESULT 237
AX648646
LOCUS AX648646 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 486 from Patent EP1273660.
ACCESSION AX648646
VERSION AX648646.1 GI:29151464
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1 Gu,Y.
  Human sodium-hydrogen exchanger like protein 1
  Patent: EP 1273660-A 486 08-JAN-2003;
  Aeonica, Inc. (US)
FEATURES
  source
    1..17
      /organism="Homo sapiens"
      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match
  15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity
  81.2%; Pred. No. 2e+02;
Matches
  13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGGTTT 950
Db 1 TCCTCTTCATGGTTT 950

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Db 2 TCTCTTCAATGTTT 17

RESULT 238
AX648648

LOCUS AX648648 17 bp DNA linear PAT 22-MAR-2003

DEFINITION Sequence 488 from Patent EP1273660.

ACCESSION AX648648

VERSION AX648648.1 GI:29151466

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Gu, Y.

TITLE Human sodium-hydrogen exchanger like protein 1

JOURNAL Patent: EP 1273660-A 488 08-JAN-2003;

FEATURES Location/Qualifiers

source 1..17

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 CCTCTTCATGTTTAA 951
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Db 1 CTTCTTCAATGTTTAA 16

RESULT 239
AX648649

LOCUS AX648649 17 bp DNA linear PAT 22-MAR-2003

DEFINITION Sequence 489 from Patent EP1273660.

ACCESSION AX648649

VERSION AX648649.1 GI:29151467

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Gu, Y.

TITLE Human sodium-hydrogen exchanger like protein 1

JOURNAL Patent: EP 1273660-A 489 08-JAN-2003;

FEATURES Location/Qualifiers

source 1..17

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 938 TCTTCATGTTTAA 953
|||||

Db 2 TCTTCATGTTTAA 17

RESULT 240
AX648651

LOCUS AX648651 17 bp DNA linear PAT 22-MAR-2003

DEFINITION Sequence 491 from Patent EP1273660.

ACCESSION AX648651

VERSION AX648651.1 GI:29151469

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Gu, Y.

TITLE Human sodium-hydrogen exchanger like protein 1

JOURNAL Patent: EP 1273660-A 491 08-JAN-2003;

FEATURES Location/Qualifiers

source 1..17

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 CTTTCATGTTTAA 954
|||||

Db 1 CTTTCATGTTTAA 16

RESULT 241
AX648772

LOCUS AX648772 17 bp DNA linear PAT 22-MAR-2003

DEFINITION Sequence 612 from Patent EP1273660.

ACCESSION AX648772

VERSION AX648772.1 GI:29151590

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Gu, Y.

TITLE Human sodium-hydrogen exchanger like protein 1

JOURNAL Patent: EP 1273660-A 612 08-JAN-2003;

FEATURES Location/Qualifiers

source 1..17

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 938 TCTTCATGTTTAA 953
|||||

Db 2 TCGTCATAGGTTAA 17

RESULT 242
AX648773

LOCUS AX648773 17 bp DNA linear PAT 22-MAR-2003

DEFINITION Sequence 613 from Patent EP1273660.

ACCESSION AX648773

VERSION AX648773.1 GI:29151591

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Gu, Y.

TITLE Human sodium-hydrogen exchanger like protein 1

JOURNAL Patent: EP 1273660-A 613 08-JAN-2003;

FEATURES Location/Qualifiers

source 1..17

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATGTTTAAAT 953
Db 1 TCGTCATAGGTTTAAAT 16

RESULT 243
AX648906
LOCUS AX648906 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 746 from Patent EP1273660.
ACCESSION AX648906
VERSION AX648906.1 GI:29151724
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 746 08-JAN-2003;
Aescima, Inc. (US)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 901 CTGGTCATTTTCTTTG 916
Db 2 CTGGCCATTTTCCATG 17

RESULT 244
AX648907
LOCUS AX648907 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 747 from Patent EP1273660.
ACCESSION AX648907
VERSION AX648907.1 GI:29151725
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Gu, Y.
TITLE Human sodium-hydrogen exchanger like protein 1
JOURNAL Patent: EP 1273660-A 747 08-JAN-2003;
Aescima, Inc. (US)
FEATURES
source
Location/Qualifiers
1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 901 CTGGTCATTTTCTTTG 916
Db 1 CTGGCCATTTTCCATG 16

RESULT 245
AX672849/c
LOCUS AX672849 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1294 from Patent WO03004526.
ACCESSION AX672849
VERSION AX672849.1 GI:29331197
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1294 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAATGATC 958
Db 16 ATTGGAATATGGATC 1

RESULT 246
AX673129
LOCUS AX673129 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1574 from Patent WO03004526.
ACCESSION AX673129
VERSION AX673129.1 GI:29331477
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1574 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTTCAAT 945
Db 2 ATCCCTCTCTTCAAT 17

RESULT 247
AX673152
LOCUS AX673152 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1597 from Patent WO03004526.
ACCESSION AX673152
VERSION AX673152.1 GI:29331500

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KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Teleman,A., Anson,R. and Tuijnder M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1597 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCCTCCTCTTAAT 17
RESULT 248
AX674770
LOCUS AX674770 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 3215 from Patent WO03004526.
ACCESSION AX674770
VERSION AX674770.1 GI:29333118
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Teleman,A., Anson,R. and Tuijnder M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 3215 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 903 GGTCATTTTCTTTGGT 918
Db 1 GATCTTGCTTTGGT 16
RESULT 249
AX688215/c
LOCUS AX688215 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 947 from Patent EP1281758.
ACCESSION AX688215
VERSION AX688215.1 GI:29410915
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon,M., Gu,Y. and Nguyen,C.T.

TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 947 05-FEB-2003;
FEATURES Aeomica, Inc. (US)
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 933 CCTCCTCTTCATTGGT 948
Db 17 CCTCCTTTTCTTGTCT 2
RESULT 250
AX688216/c
LOCUS AX688216 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 948 from Patent EP1281758.
ACCESSION AX688216
VERSION AX688216.1 GI:29410916
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE mdz12
JOURNAL Patent: EP 1281758-A 948 05-FEB-2003;
FEATURES Aeomica, Inc. (US)
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 933 CCTCCTCTTCATTGGT 948
Db 16 CCTCCTTTTCTTGTCT 1
RESULT 251
AX688217/c
LOCUS AX688217 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 949 from Patent EP1281758.
ACCESSION AX688217
VERSION AX688217.1 GI:29410917
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE mdz12
JOURNAL Patent: EP 1281758-A 949 05-FEB-2003;
FEATURES Aeomica, Inc. (US)
source Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCTCTCTTCATTG 946
| | | | | | | | | | | | | | | | | |
Db 17 TGCCTCTCTTCCTTG 2

RESULT 252
AX688218/c
LOCUS AX688218 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 950 from Patent EP1281758.
ACCESSION AX688218
VERSION AX688218.1 GI:29410918
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon, M., Gu, Y., and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 950 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 931 TCCTCTCTTCATTG 946
| | | | | | | | | | | | | | | | | |
Db 16 TGCCTCTCTTCCTTG 1

RESULT 253
AX688505/c
LOCUS AX688505 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1237 from Patent EP1281758.
ACCESSION AX688505
VERSION AX688505.1 GI:29411207
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Shannon, M., Gu, Y., and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1237 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGTT 949
| | | | | | | | | | | | | | | | | |
Db 17 CTTCTCTTCGTGGTT 2

RESULT 254
AX688506/c
LOCUS AX688506 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1238 from Patent EP1281758.
ACCESSION AX688506
VERSION AX688506.1 GI:29411208
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM

REFERENCE 1
AUTHORS Shannon, M., Gu, Y., and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1238 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTGTT 949
| | | | | | | | | | | | | | | | | |
Db 16 CTTCTCTTCGTGGTT 1

RESULT 255
AX690458/c
LOCUS AX690458 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3190 from Patent EP1281758.
ACCESSION AX690458
VERSION AX690458.1 GI:29413339
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM

REFERENCE 1
AUTHORS Shannon, M., Gu, Y., and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 3190 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 929 TATCCTCTCTTCAT 944
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Db 17 TGTTCCTCTCTTCT 2

RESULT 256
AX690459/c
LOCUS AX690459 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 3191 from Patent EP1281758.
ACCESSION AX690459
VERSION AX690459.1 GI:29413340
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon.M., Gu.Y. and Nguyen.C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 3191 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 929 TATCCCTCCTCTTCAT 944
Db 16 TGTTCCTCCTCTTCCT 1
RESULT 257
LOCUS AX723602 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1289 from Patent WO03025176.
ACCESSION AX723602
VERSION AX723602.1 GI:30424103
KEYWORDS Mus musculus (house mouse)
SOURCE Mus musculus
ORGANISM Mus musculus
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 1289 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCCTACTATTATT 17
RESULT 258
LOCUS AX728481/c 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 115 from Patent WO03025175.
ACCESSION AX728481
VERSION AX728481.1 GI:30507824
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines

JOURNAL Patent: WO 03025175-A 115 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 943 ATTGGCTTTAATGATC 958
Db 16 ACTGGATTAAATGGATC 1
RESULT 259
LOCUS AX728840 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 474 from Patent WO03025175.
ACCESSION AX728840
VERSION AX728840.1 GI:30508183
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 474 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCAGCCTCTGCATT 17
RESULT 260
LOCUS AX729887 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1521 from Patent WO03025175.
ACCESSION AX729887
VERSION AX729887.1 GI:30509230
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 1521 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

ACCESSION AX732400
VERSION AX732400.1 GI:30511743
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 4034 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
||||| |||||
Db 2 ATCCACCACTGCATT 17

RESULT 266
AX732454
LOCUS AX732454 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4088 from Patent WO03025175.
ACCESSION AX732454
VERSION AX732454.1 GI:30511797
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 4088 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGCTTTTGCCTTTTAT 931
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Db 1 GATCTGTGCTTTTGT 16

RESULT 267
AX733923
LOCUS AX733923 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5557 from Patent WO03025175.
ACCESSION AX733923
VERSION AX733923.1 GI:30513266
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5557 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
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Db 2 ATCCCTCTGTTCATT 17

RESULT 268
AX734209
LOCUS AX734209 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 5843 from Patent WO03025175.
ACCESSION AX734209
VERSION AX734209.1 GI:30513552
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5843 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 GGCTTTTGCCTTTTAT 931
||||| |||||
Db 1 GATCTGTGCTTTTGT 16

RESULT 269
AX736083
LOCUS AX736083 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1673 from Patent WO03025177.
ACCESSION AX736083
VERSION AX736083.1 GI:30515360
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 1673 27-MAR-2003;
Molecular Engines Laboratories (FR)

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FEATURES
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        /db_xref="taxon:9606"

Query Match
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  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCGCGCATTCATT 17

RESULT 270
AX737406/c
LOCUS AX737406 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2996 from Patent WO03025177.
ACCESSION AX737406
VERSION AX737406.1 GI:30516694
KEYWORDS
SOURCE
  ORGANISM Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
  Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in phenomena of tumour suppression, tumour
  reversion, apoptosis and/or resistance to viruses and the use
  thereof as medicaments
  Patent: WO 03025177-A 2996 27-MAR-2003;
  Molecular Engines Laboratories (FR)
JOURNAL
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
      1. .17
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        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 946 GGTTAATGATCGCT 961
Db 17 GTTTATGATCCGAT 2

RESULT 271
AX737441
LOCUS AX737441 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3031 from Patent WO03025177.
ACCESSION AX737441
VERSION AX737441.1 GI:30516729
KEYWORDS
SOURCE
  ORGANISM Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
  Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in phenomena of tumour suppression, tumour
  reversion, apoptosis and/or resistance to viruses and the use
  thereof as medicaments
  Patent: WO 03025177-A 3031 27-MAR-2003;
  Molecular Engines Laboratories (FR)
JOURNAL
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
      1. .17
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        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
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  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTGGT 948
Db 17 CATCCTCTGCGATTGAT 2

FEATURES
  source
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        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCATT 945
Db 2 ATCCGCGCATTCATT 17

RESULT 272
AX738678
LOCUS AX738678 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4268 from Patent WO03025177.
ACCESSION AX738678
VERSION AX738678.1 GI:30517968
KEYWORDS
SOURCE
  ORGANISM Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
  Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in phenomena of tumour suppression, tumour
  reversion, apoptosis and/or resistance to viruses and the use
  thereof as medicaments
  Patent: WO 03025177-A 4268 27-MAR-2003;
  Molecular Engines Laboratories (FR)
JOURNAL
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
      1. .17
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        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 903 GGTCAATTTCTTTGGT 918
Db 1 GATCGTTTTTTTGGT 16

RESULT 273
AX757880/c
LOCUS AX757880 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 1201 from Patent WO03040369.
ACCESSION AX757880
VERSION AX757880.1 GI:32252496
KEYWORDS
SOURCE
  ORGANISM Homo sapiens (human)
  Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
  Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in tumoral suppression, tumoral reversion,
  apoptosis and/or viral resistance phenomena and their use as
  medicines
  Patent: WO 03040369-A 1201 15-MAY-2003;
  Molecular Engines Laboratories (FR)
JOURNAL
  Molecular Engines Laboratories (FR)
FEATURES
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    Location/Qualifiers
      1. .17
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 15.3%; Score 11.2; DB 1; Length 17;
  Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTGGT 948
Db 17 CATCCTCTGCGATTGAT 2

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RESULT 274
AX759249
LOCUS AX759249 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2570 from Patent WO03040369.
ACCESSION AX759249
VERSION AX759249.1 GI:32253865
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 2570 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
Qy 916 GGCTTTGGCCTTTAT 931
|||||
Db 1 GATCTTTCCTGTTAT 16
|||||

RESULT 275
AX762054/c
LOCUS AX762054 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 5375 from Patent WO03040369.
ACCESSION AX762054
VERSION AX762054.1 GI:32256670
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 5375 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
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Location/Qualifiers
1..17
/organism="Homo sapiens"
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/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
Qy 943 ATTCGTTTAATGATC 958
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Db 16 ATTTATTAAATGATC 1
|||||

RESULT 276
AX784017
LOCUS AX784017 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2348 from Patent WO03050284.
ACCESSION AX784017
VERSION AX784017.1 GI:32951866
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2348 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
Location/Qualifiers
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KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2348 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
Qy 935 TCCTCTTCATTCGTTT 950
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Db 2 TGTCTCTCCTCTGTTT 17
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RESULT 277
AX784018
LOCUS AX784018 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2349 from Patent WO03050284.
ACCESSION AX784018
VERSION AX784018.1 GI:32951867
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2349 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
Qy 935 TCCTCTTCATTCGTTT 950
|||||
Db 1 TGTCTCTCCTCTGTTT 16
|||||

RESULT 278
AX784019
LOCUS AX784019 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 2350 from Patent WO03050284.
ACCESSION AX784019
VERSION AX784019.1 GI:32951868
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Guo,J.
TITLE Human prostate cancer candidate protein 1
JOURNAL Patent: WO 03050284-A 2350 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
Location/Qualifiers
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source      1. .17
            /organism="Homo sapiens"
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            /db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCCTCCTTGGTTTAA 952
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Db 2 CTCCTCCTTGGTTTGA 17

RESULT 279
AX784021      17 bp DNA linear PAT 17-JUL-2003
DEFINITION   Sequence 2352 from Patent WO03050284.
ACCESSION    AX784021
VERSION      AX784021.1 GI:32951870
KEYWORDS     Homo sapiens (human)
SOURCE       Homo sapiens
ORGANISM     Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Guo, J.
TITLE        Human prostate cancer candidate protein 1
JOURNAL      Patent: WO 03050284-A 2352 19-JUN-2003;
              Amersham Biosciences (SV) Corp. (US)
FEATURES     source
            1. .17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 938 TCCTTCATGGTTTAAAT 953
    ||| ||| ||| ||| |||
Db 1 TCCTTCATGGTTTGAAT 16

RESULT 280
BD198759      17 bp RNA linear PAT 17-JUL-2003
LOCUS        BD198759
DEFINITION   Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response.
ACCESSION    BD198759
VERSION      BD198759.1 GI:33008529
KEYWORDS     JP 2002509721-A/1785.
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1 (bases 1 to 17)
AUTHORS      Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
TITLE        Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response
JOURNAL      Patent: JP 2002509721-A 1785 02-APR-2002;
              RIBOZYME PHARMACEUTICALS INC
COMMENT      OS Homo sapiens (human)
              PN JP 2002509721-A/3985
              PD 02-APR-2002
              PF 24-MAR-1999 JP 2000541291
              PR 27-MAR-1998 US 60/079678
              PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
              PI JAMES A MCSWIGGEN
              PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
              A61P29/00,
              PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
              C12N5/00
              CC Method and reagent for treating diseases or conditions CC
              concerning molecule
              CC participating in vasculogenic response
              FH Key location/Qualifiers
              FT source 1. .17
              FT /organism="Homo sapiens"
              FT /mol_type="genomic RNA"
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            Location/Qualifiers
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            /organism="Homo sapiens"
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            /db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 906 CATTTCCTTCGTTT 921
    ||| ||| ||| ||| |||
Db 1 CTTTATTTCGTTT 16

PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key location/Qualifiers
FT source 1. .17
FT /organism="Homo sapiens"
FT /mol_type="genomic RNA"
FT /db_xref="taxon:9606"
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source
1. .17
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

Query Match      15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 906 CATTTCCTTCGTTT 921
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Db 1 CTTTATTTCGTTT 16

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RESULT 282
BD248253
LOCUS
DEFINITION Short-chain oligonucleotide for inhibiting VEGF expression.
ACCESSION BD248253
VERSION BD248253.1 GI:33058023
KEYWORDS JP 2002524038-A/72
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 12)
AUTHORS Uhlmann,E., Peyman,A., Bitonti,A. and Woessner,R.
TITLE Short-chain oligonucleotide for inhibiting VEGF expression
JOURNAL AVENTIS PHARMA DEUTSCHLAND GMBH
COMMENT OS Artificial Sequence
PN JP 2002524038-A/72
PD 06-AUG-2002
PF 29-JUL-1999 JP 2000563768
PR 07-AUG-1998 EP 98114853.9
PI EUGEN UHLMANN ANUSCHIRWAN PEYMAN ALAN BITONTI RICHARD WOESSNER
PC C12N15/09,A61K31/711,A61K31/7115,A61K31/712,A61K31/7125 PC
PC A61P13/12,A61P17/16,A61P27/02,A61P29/00,A61P35/00,A61P43/00,
PC C12N15/00
CC Description of Artificial Sequence: Antisense FH Key
Location/Qualifiers
FT source
FT 1..12
/organism='Artificial Sequence'.
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source
1..12
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
Query Match 15.1%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 909 TTTCTTGGTC 919
DB 2 TTTCTTGGTC 12
RESULT 283
A39062
LOCUS
DEFINITION Sequence 34 from Patent WO9412670.
ACCESSION A39062
VERSION A39062.1 GI:2295448
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van,H.H.
TITLE PROCESS FOR TYPING OF HCV ISOLATES
JOURNAL INNOGENETICS NV (BE)
COMMENT Other publication AU 5628294 940622
Other publication CA 2128528 940609
Other publication JP 7503143T 950406.
FEATURES
source
1..16
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'
Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 900 CCTGGTCATTT 910
DB 3 CCTGGTCATTT 13
RESULT 284
AR063396
LOCUS
DEFINITION Sequence 34 from patent US 5846704.
ACCESSION AR063396
VERSION AR063396.1 GI:5992704
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.
TITLE Process for typing of HCV isolates
JOURNAL Patent: US 5846704-A 34 08-DEC-1998;
FEATURES Location/Qualifiers
1..16
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 900 CCTGGTCATTT 910
DB 3 CCTGGTCATTT 13
RESULT 285
AR123587
LOCUS
DEFINITION Sequence 34 from patent US 6171784.
ACCESSION AR123587
VERSION AR123587.1 GI:14108948
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.
TITLE Process for typing of HCV isolates
JOURNAL Patent: US 6171784-A 34 09-JAN-2001;
FEATURES Location/Qualifiers
1..16
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 900 CCTGGTCATTT 910
DB 3 CCTGGTCATTT 13
RESULT 286
AR267328
LOCUS
DEFINITION Sequence 34 from patent US 6495670.
ACCESSION AR267328
VERSION AR267328.1 GI:29697346
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.

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TITLE      Process for typing of HCV isolates
JOURNAL    Patent: US 6495670-A 34 17-DEC-2002;
FEATURES   Location/Qualifiers
            source
            1..16
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 100.0%; Score 11; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTT 910
Db 3 CCTGGTCATTT 13

RESULT 287
LOCUS      AR305738                16 bp      DNA            linear      PAT 12-JUN-2003
DEFINITION Sequence 34 from patent US 6548244.
ACCESSION  AR305738
VERSION     AR305738.1 GI:31695347
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 16)
AUTHORS    Maertens,G., Stuyver,L., Rossau,R. and Van Heuverswyn,H.
TITLE      Process for typing HCV isolates
JOURNAL    Patent: US 6548244-A 34 15-APR-2003;
FEATURES   Location/Qualifiers
            source
            1..16
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 100.0%; Score 11; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTT 910
Db 3 CCTGGTCATTT 13

RESULT 288
LOCUS      AX023124                16 bp      DNA            linear      PAT 24-NOV-2000
DEFINITION Sequence 34 from Patent EP0905258.
ACCESSION  AX023124
VERSION     AX023124.1 GI:10046589
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1
AUTHORS    Brysch,W. and Schlingensiepen,K
TITLE      AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL    Patent: WO 9833904-A 463 06-AUG-1998;
            BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES   Location/Qualifiers
            source
            1..14
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Method for detecting nucleic acid sequences based on the use of
solid phase immobilised nucleotide probes (line probe assay)
Patent: EP 0905258-A 34 31-MAR-1999;
INNOGENETICS NV (BE)
            Location/Qualifiers
            source
            1..16
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match
Best Local Similarity 100.0%; Score 11; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTT 910
Db 3 CCTGGTCATTT 13

RESULT 289
LOCUS      AX417330                16 bp      DNA            linear      PAT 18-JUN-2002
DEFINITION Sequence 34 from Patent EP1197568.
ACCESSION  AX417330
VERSION     AX417330.1 GI:21522634
KEYWORDS   .
SOURCE     Hepatitis C virus
ORGANISM   Hepatitis C virus
            Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae;
            Hepacivirus.
            1
            Maertens,G., Rossau,R., Stuyver,L. and van Heuverswyn,H.
            Detection and typing of hcv using 5'utr and ns5 nucleic acid
            sequences
            Patent: EP 1197568-A 34 17-APR-2002;
            ImmoGenetics N.V. (BE)
            Location/Qualifiers
            source
            1..16
            /organism="Hepatitis C virus"
            /mol_type="unassigned DNA"
            /db_xref="taxon:11103"

Query Match
Best Local Similarity 100.0%; Score 11; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 900 CCTGGTCATTT 910
Db 3 CCTGGTCATTT 13

RESULT 290
LOCUS      A88315                  14 bp      DNA            linear      PAT 22-JAN-2000
DEFINITION Sequence 463 from Patent WO9833904.
ACCESSION  A88315
VERSION     A88315.1 GI:6736885
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unidentified
REFERENCE  1 (bases 1 to 14)
AUTHORS    Brysch,W. and Schlingensiepen,K
TITLE      AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL    Patent: WO 9833904-A 463 06-AUG-1998;
            BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES   Location/Qualifiers
            source
            1..14
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match
Best Local Similarity 85.7%; Score 10.8; DB 1; Length 14;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 909 TTTCTTTGTCGCTTT 922
Db 1 TTTATTTCGTCGCTTT 14

RESULT 291
LOCUS      A90282                  14 bp      DNA            linear      PAT 22-JAN-2000
DEFINITION Sequence 463 from Patent EP0856579.
ACCESSION  A90282
VERSION     A90282.1 GI:6738796
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unidentified

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unclassified.
1 (bases 1 to 14)
REFERENCE
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 463 05-AUG-1998;
BIOGOSTIK GES (DE)
FEATURES
source Location/Qualifiers
1..14
/organism="unidentified"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
Db 1 TTTATTTCGTCCTTT 14
RESULT 292
E16620
LOCUS E16620 14 bp DNA linear PAT 28-JUL-1999
DEFINITION PCR primer for detection of mutation in human WS gene by MASA.
ACCESSION E16620
VERSION E16620.1 GI:5711303
KEYWORDS JP 1998201498-A/25.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 14)
REFERENCE
AUTHORS Matsumoto,T., Goto,M. and Furuichi,Y.
TITLE DETECTION OF MUTATION IN PATHOGENIC GENE OF HUMAN WERNER SYNDROME
JOURNAL Patent: JP 1998201498-A 25 04-AUG-1998;
EJUIN KENKUSHO:KK
COMMENT
OS None
OC Artificial sequences.
PN JP 1998201498-A/25
PD 04-AUG-1998
PF 24-JAN-1997 JP 1997011268
PI MATSUMOTO TAKEHISA, GOTO MAKOTO, FURUICHI YASUHIRO PC
C12Q1/68,C07H21/04,C12N15/09,G01N33/50,G01N33/566; CC
strandedness: Single;
CC topology: Linear;
FH Key Location/Qualifiers
FH
FT source 1..14
/organism="Artificial sequences".
FEATURES
source Location/Qualifiers
1..14
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
Db 1 TTTCTTTGGTCTTT 14
RESULT 293
BD065828
LOCUS BD065828 14 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065828
VERSION BD065828.1 GI:22611431
KEYWORDS JP 2001511000-A/463.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 14)
REFERENCE
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 463 05-AUG-1998;
BIOGOSTIK GES (DE)
FEATURES
source Location/Qualifiers
1..14
/organism="unidentified"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTTCTTTGGTCTTT 922
Db 1 TTTATTTCGTCCTTT 14
RESULT 294
A56697/c
LOCUS A56697 15 bp DNA linear PAT 03-MAR-1998
DEFINITION Sequence 1 from Patent WO9627612.
ACCESSION A56697
VERSION A56697.1 GI:3712739
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 14)
REFERENCE
AUTHORS Berry,M.J., Davis,P.J., Van,D.L., Paul,F. and Whitelam,G.C.
TITLE PRODUCTION IN YEASTS OF STABLE ANTIBODY FRAGMENTS
JOURNAL Patent: WO 9627612-A 1 12-SEP-1996;
QUEST INT (NL)
COMMENT Other publication AU 4839496 960923.
FEATURES
source Location/Qualifiers
1..15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 924 CCTTTTATCCCTCC 937
Db 15 CCTTTTATCCATTC 2
RESULT 295
AR131846
LOCUS AR131846 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 271 from patent US 6194150.
ACCESSION AR131846
VERSION AR131846.1 GI:14120749
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
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UNIVERSITEIT GENT (BE)	
FEATURES	Location/Qualifiers
source	1..15
/organism="Homo sapiens"	
/mol_type="unassigned DNA"	
/db_xref="taxon:9606"	
Query Match	14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity	85.7%; Pred. NO. 2.1e+02;
Matches 12; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	904 GTGATTTCTTTGG 917
Db	1 GTGATTTCTTTG 14
RESULT 301	
AX239941	AX239941
LOCUS	15 bp DNA linear PAT 26-SEP-2001
DEFINITION	Sequence 68 from Patent WO0164958.
ACCESSION	AX239941
VERSION	AX239941.1 GI:15797543
KEYWORDS	synthetic construct
SOURCE	synthetic construct
ORGANISM	artificial sequences.
REFERENCE	1
AUTHORS	Dempey,R.O., Gall,A.A., Lokhov,S.G., Afonina,I.A., Singer,M.J., Kutayavin,I.V. and Vermeulen,N.M.
TITLE	Modified oligonucleotides for mismatch discrimination
JOURNAL	Patent: WO 0164958-A 68 07-SEP-2001; Epoch Biosciences, Inc. (US)
FEATURES	Location/Qualifiers
source	1..15
/organism="synthetic construct"	
/mol_type="unassigned DNA"	
/db_xref="taxon:32630"	
/note="probe sequence"	
Query Match	14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity	85.7%; Pred. NO. 2.1e+02;
Matches 12; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	940 TTCATGTTGTTAAT 953
Db	2 TTCATGTTGTTAAT 15
RESULT 302	
AX638095/c	AX638095/c
LOCUS	15 bp RNA linear PAT 21-FEB-2003
DEFINITION	Sequence 5234 from Patent EP1260586.
ACCESSION	AX638095
VERSION	AX638095.1 GI:28473709
KEYWORDS	unidentified
SOURCE	unidentified
ORGANISM	unclassified.
REFERENCE	1
AUTHORS	Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE	Method and reagent for inhibiting the expression of disease related
Genes	
JOURNAL	Patent: EP 1260586-A 5234 27-NOV-2002; RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES	Location/Qualifiers
source	1..15
/organism="unidentified"	
/mol_type="unassigned RNA"	
/db_xref="taxon:32644"	

Query Match	14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity	85.7%; Pred. NO. 2.1e+02;
Matches 12; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	944 TTGGTTTAATGTAT 957
Db	15 TTAGTTAAATGTAT 2
RESULT 303	
AX638097/c	AX638097
LOCUS	15 bp RNA linear PAT 21-FEB-2003
DEFINITION	Sequence 5236 from Patent EP1260586.
ACCESSION	AX638097
VERSION	AX638097.1 GI:28473711
KEYWORDS	unidentified
SOURCE	unidentified
ORGANISM	unclassified.
REFERENCE	1
AUTHORS	Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE	Method and reagent for inhibiting the expression of disease related
Genes	
JOURNAL	Patent: EP 1260586-A 5236 27-NOV-2002; RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES	Location/Qualifiers
source	1..15
/organism="unidentified"	
/mol_type="unassigned RNA"	
/db_xref="taxon:32644"	

Query Match	14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity	85.7%; Pred. NO. 2.1e+02;
Matches 12; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	944 TTGGTTTAATGTAT 957
Db	14 TTAGTTAAATGTAT 1
RESULT 304	
A36565/c	A36565/c
LOCUS	16 bp DNA linear PAT 05-MAR-1997
DEFINITION	Sequence 5 from Patent WO9325706.
ACCESSION	A36565
VERSION	A36565.1 GI:2293878
KEYWORDS	unidentified
SOURCE	unidentified
ORGANISM	unclassified.
REFERENCE	1 (bases 1 to 16)
AUTHORS	Buchardt,O., Egholm,M., Nielsen,P.E., Berg,R.H. and Stanley,C.J.
TITLE	USE OF NUCLEIC ACID ANALOGUES IN THE INHIBITION OF NUCLEIC ACID
JOURNAL	AMPLIFICATION
Patent:	WO 9325706-A 5 23-DEC-1993;
BUCHARDT OLE (DK)	
Other publication	CZ 9402951 950913
Other publication	AU 4323593 940104
Other publication	CA 2136831 931223
Other publication	SK 149394 960110
Other publication	HU 71931 960228
Other publication	FI 945725 941205
Other publication	NO 944655 950203
Other publication	JP 8501681T 960227.
Location/Qualifiers	
source	1..16
/organism="unidentified"	
/mol_type="unassigned DNA"	

/db_xref="taxon:32644"

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 906 CATTTCCTTTGGTC 919
 Db | | | | | | | | | | | | | | | |

RESULT 305
 AX022900/c
 LOCUS 16 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 8 from Patent WO9925819.
 ACCESSION AX022900
 VERSION AX022900.1 GI:10046392
 KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1
 AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
 TITLE Antisense oligonucleotides against tenascin for treating vitiligo
 JOURNAL Patent: WO 9925819-A 8 27-MAY-1999;
 UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)

FEATURES
 source Location/Qualifiers
 1..16
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"
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exon

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
 Db | | | | | | | | | | | | | | | |

RESULT 306
 AX022919/c
 LOCUS 16 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 27 from Patent WO9925819.
 ACCESSION AX022919
 VERSION AX022919.1 GI:10046411
 KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1
 AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
 TITLE Antisense oligonucleotides against tenascin for treating vitiligo
 JOURNAL Patent: WO 9925819-A 8 27-MAY-1999;
 UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)

FEATURES
 source Location/Qualifiers
 1..16
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

exon

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
 Db | | | | | | | | | | | | | | | |

RESULT 307
 AX022938/c
 LOCUS 16 bp DNA linear PAT 07-SEP-2000
 DEFINITION Sequence 46 from Patent WO9925819.
 ACCESSION AX022938
 VERSION AX022938.1 GI:10046431
 KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1
 AUTHORS Uhlmann,E., Weiser,C. and Peyman,A.
 TITLE Antisense oligonucleotides against tenascin for treating vitiligo
 JOURNAL Patent: WO 9925819-A 46 27-MAY-1999;
 UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)

FEATURES
 source Location/Qualifiers
 1..16
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
 Db | | | | | | | | | | | | | | | |

RESULT 308
 AX030488/c
 LOCUS 16 bp DNA linear PAT 20-SEP-2000
 DEFINITION Sequence 8 from Patent DE19750702.
 ACCESSION AX030488
 VERSION AX030488.1 GI:10278045
 KEYWORDS
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1
 AUTHORS Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
 TITLE Antisense oligonucleotides that bind to sequences encoding human tenascin for treating depigmentation, cancer, inflammation and cardiovascular disease
 JOURNAL Patent: DE 19750702-A 8 27-MAY-1999;
 HOECHST MARION ROUSSEL DE GMBH (DE)

FEATURES
 source Location/Qualifiers
 1..16
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 14.8%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 957 TCGCTACCAACGGT 970
 Db | | | | | | | | | | | | | | | |

RESULT 309
 AX030507/c
 LOCUS 16 bp DNA linear PAT 20-SEP-2000
 DEFINITION Sequence 27 from Patent DE19750702.
 ACCESSION AX030507
 VERSION AX030507.1 GI:10278064
 KEYWORDS
 SOURCE unidentified

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ORGANISM      unidentified
REFERENCE      1
AUTHORS      Peyman,A.D., Uhlmann,B.D. and Weiser,C.D.
TITLE      Antisense oligonucleotides that bind to sequences encoding human
            tenascin for treating degeneration, cancer, inflammation and
            cardiovascular disease
JOURNAL      Patent: DE 19750702-A 27 27-MAY-1999;
            HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES      Location/Qualifiers
source      1..16
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity      85.7%; Pred. No. 2.2e+02;
Matches      12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      957 TCCTACCAACGGT 970
Db      14 TCCTACCAACGGT 1

RESULT 310
LOCUS      AX030526/c
DEFINITION      Sequence 46 from Patent DE19750702.
ACCESSION      AX030526
VERSION      AX030526.1 GI:10278083
KEYWORDS      .
SOURCE      unidentified
ORGANISM      unidentified
REFERENCE      1
AUTHORS      Peyman,A.D., Uhlmann,B.D. and Weiser,C.D.
TITLE      Antisense oligonucleotides that bind to sequences encoding human
            tenascin for treating degeneration, cancer, inflammation and
            cardiovascular disease
JOURNAL      Patent: DE 19750702-A 46 27-MAY-1999;
            HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES      Location/Qualifiers
source      1..16
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity      85.7%; Pred. No. 2.2e+02;
Matches      12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      957 TCCTACCAACGGT 970
Db      14 TCCTACCAACGGT 1

RESULT 311
LOCUS      AR029896/c
DEFINITION      Sequence 85 from patent US 5861244.
ACCESSION      AR029896
VERSION      AR029896.1 GI:5943110
KEYWORDS      .
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 12)
AUTHORS      Wang,C.-G. and Hepburn,A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL      Patent: US 5861244-A 85 19-JAN-1999;
FEATURES      Location/Qualifiers
source      1..12
            /organism="unknown"

ORGANISM      unidentified
REFERENCE      1
AUTHORS      Peyman,A.D., Uhlmann,B.D. and Weiser,C.D.
TITLE      Antisense oligonucleotides that bind to sequences encoding human
            tenascin for treating degeneration, cancer, inflammation and
            cardiovascular disease
JOURNAL      Patent: DE 19750702-A 46 27-MAY-1999;
            HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES      Location/Qualifiers
source      1..16
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity      85.7%; Pred. No. 2.2e+02;
Matches      12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      957 TCCTACCAACGGT 970
Db      14 TCCTACCAACGGT 1

RESULT 312
LOCUS      AR241998
DEFINITION      Sequence 286 from patent US 6472154.
ACCESSION      AR241998
VERSION      AR241998.1 GI:27287810
KEYWORDS      .
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 12)
AUTHORS      Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE      Polymorphic repeats in human genes
JOURNAL      Patent: US 6472154-A 286 29-OCT-2002;
FEATURES      Location/Qualifiers
source      1..12
            /organism="unknown"
            /mol_type="genomic DNA"
Query Match      14.2%; Score 10.4; DB 1; Length 12;
Best Local Similarity      91.7%; Pred. No. 2.1e+02;
Matches      11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      931 TCCTCTTCATT 945
Db      12 TCCTCTTCATT 1

RESULT 313
LOCUS      I06686
DEFINITION      Sequence 4 from Patent WO 9009447.
ACCESSION      I06686
VERSION      I06686.1 GI:589474
KEYWORDS      .
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 14)
AUTHORS      Goldstein,J., Pollitt,S.N., Inouye,M. and C07K13.
TITLE      RECOMBINANT COLD SHOCK PROTEIN, PRODUCTION AND USE IN AGRICULTURE
JOURNAL      Patent: WO 9009447-A 4 23-AUG-1990;
FEATURES      Location/Qualifiers
source      1..14
            /organism="unknown"
            /mol_type="unassigned DNA"
Query Match      14.2%; Score 10.4; DB 1; Length 14;
Best Local Similarity      91.7%; Pred. No. 2.4e+02;
Matches      11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      943 ATTGGTTTAATG 954
Db      2 AATGGTTTAATG 13

RESULT 314
LOCUS      S81271/c
DEFINITION      Mitochondrial acetoacetyl-coenzyme A thiolase [human, mRNA Partial
            Mutant, 14 nt].
ACCESSION      S81271
            S81271 14 bp mRNA linear PRI 07-MAY-1993
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VERSION S81271.1 GI:245356
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Fukao, T., Yamaguchi, S., Orii, T., Schutzgens, R.B., Osumi, T. and Hashimoto, T.
 TITLE Identification of three mutant alleles of the gene for mitochondrial acetoacetyl-coenzyme A thiolase. A complete analysis of two generations of a family with 3-ketothiolase deficiency
 JOURNAL J. Clin. Invest. 89 (2), 474-479 (1992)
 MEDLINE 92147861
 PubMed 1346617
 REMARK GenBank staff at the National Library of Medicine created this entry [NCBI Gibbsq 81271] from the original journal article.
 COMMENT This sequence comes from Figure 2.
 FEATURES
 source
 Location/Qualifiers
 1..14
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 1..14
 /genes="mitochondrial acetoacetyl-coenzyme A thiolase"
 Query Match 14.2%; Score 10.4; DB 1; Length 14;
 Best Local Similarity 91.7%; Pred. No. 2.4e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 919 CTTTGCTTTTA 930
 Db 13 CTGTGCTTTTA 2
 RESULT 315
 AR011372
 LOCUS AR011372 15 bp DNA linear PAT 04-DEC-1998
 DEFINITION Sequence 245 from patent US 5762938.
 ACCESSION AR011372
 VERSION AR011372.1 GI:3969362
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 15)
 AUTHORS Paoletti, E., Perkus, M.E., Taylor, J., Tartaglia, J., Norton, E.K., Riviere, M., de Taisne, C., Limbach, K.J., Johnson, G.P., Pincus, S.E., Cox, W.I., Audonnet, J.-C., Francis, and Gettig, R. Robert.
 TITLE Modified recombinant vaccinia virus and expression vectors thereof
 JOURNAL Patent: US 5762938-A 245 09-JUN-1998;
 FEATURES
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 Location/Qualifiers
 1..15
 /organism="unknown"
 /mol_type="unassigned DNA"
 Query Match 14.2%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 945 TGGTTTAATGTA 956
 Db 4 TGGTTTAATGCA 15
 RESULT 316
 AR037374
 LOCUS AR037374 15 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 19 from patent US 5901156.
 ACCESSION AR037374
 VERSION AR037374.1 GI:5955230
 KEYWORDS

SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 15)
 AUTHORS Robinson, G.S. and Smith, L. Elaine. Hodgson.
 TITLE Inhibition of neovascularization using VEGF-specific oligonucleotides
 JOURNAL Patent: US 5801156-A 19 01-SEP-1998;
 FEATURES
 source
 Location/Qualifiers
 1..15
 /organism="unknown"
 /mol_type="unassigned DNA"
 Query Match 14.2%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 934 CTCCTCTTCATT 945
 Db 3 CTCCTCTTCCTT 14
 RESULT 317
 AR043855
 LOCUS AR043855 15 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 19 from patent US 5814620.
 ACCESSION AR043855
 VERSION AR043855.1 GI:5964863
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 15)
 AUTHORS Robinson, G.S. and Smith, L. Elaine. Hodgson.
 TITLE Inhibition of neovascularization using vegf-specific oligonucleotides
 JOURNAL Patent: US 5814620-A 19 29-SEP-1998;
 FEATURES
 source
 Location/Qualifiers
 1..15
 /organism="unknown"
 /mol_type="unassigned DNA"
 Query Match 14.2%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 934 CTCCTCTTCATT 945
 Db 3 CTCCTCTTCCTT 14
 RESULT 318
 I18010
 LOCUS I18010 15 bp DNA linear PAT 07-OCT-1996
 DEFINITION Sequence 245 from patent US 5494807.
 ACCESSION I18010
 VERSION I18010.1 GI:1598365
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 15)
 AUTHORS Paoletti, E., Perkus, M.E., Taylor, J., Tartaglia, J., Norton, E.K., Riviere, M., de Taisne, C., Limbach, K.J., Johnson, G.P., Pincus, S.E., Cox, W.I., Audonnet, J.-C., Francis, and Gettig, R. R.
 TITLE NYVAC vaccinia virus recombinants comprising heterologous inserts
 JOURNAL Patent: US 5494807-A 245 27-FEB-1996;
 FEATURES
 source
 Location/Qualifiers
 1..15
 /organism="unknown"
 /mol_type="unassigned DNA"
 Query Match 14.2%; Score 10.4; DB 1; Length 15;

Best Local Similarity 91.7%; Pred. No. 2.5e+02; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGTA 956
|||||
Db 4 TGGTTTAATGCA 15

RESULT 319
I39400
LOCUS I39400 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 438 from patent US 5616488.
ACCESSION I39400
VERSION I39400.1 GI:2083880
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 438 01-APR-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATTG 946
|||||
Db 2 TCCTCTTCGTTG 13

RESULT 320
I39401
LOCUS I39401 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 439 from patent US 5616488.
ACCESSION I39401
VERSION I39401.1 GI:2083881
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 439 01-APR-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 935 TCCTCTTCATTG 946
|||||
Db 1 TCCTCTTCGTTG 12

RESULT 321
I47006
LOCUS I47006 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5639736.
ACCESSION I47006
VERSION I47006.1 GI:2470971
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5639736-A 19 17-JUN-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

RESULT 322
I47654
LOCUS I47654 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5639872.
ACCESSION I47654
VERSION I47654.1 GI:2471619
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5639872-A 19 17-JUN-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

RESULT 323
I63155
LOCUS I63155 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5661135.
ACCESSION I63155
VERSION I63155.1 GI:2480863
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5661135-A 19 26-AUG-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

RESULT 324
I63155
LOCUS I63155 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5661135.
ACCESSION I63155
VERSION I63155.1 GI:2480863
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Robinson,G.S.
TITLE Human VEGF-specific oligonucleotides
JOURNAL Patent: US 5661135-A 19 26-AUG-1997;
FEATURES Location/Qualifiers
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCATT 945
|||||
Db 3 CTCCTCTTCCTT 14

```
RESULT 324
LOCUS      I81412
DEFINITION Sequence 19 from patent US 5710136.
ACCESSION  I81412
VERSION     I81412.1 GI:3209709
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Robinson,G.S. and Smith,L.Elaine.Hodgson.
TITLE     Inhibition of neovascularization using VEGF-specific
          oligonucleotides
JOURNAL   Patent: US 5710136-A 19 20-JAN-1998;
FEATURES   Location/Qualifiers
           source
           1..15
           /organism="unknown"
           /mol_type="unassigned DNA"
Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      934 CTCCTCTTCATT 945
Db      3 CTCCTCTTCCTT 14

RESULT 325
LOCUS      I93803
DEFINITION Sequence 19 from patent US 5731294.
ACCESSION  I93803
VERSION     I93803.1 GI:3938273
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Robinson,G.S. and Hodgson Smith,L.Elaine.
TITLE     Inhibition of neovascularization using VEGF-specific
          oligonucleotides
JOURNAL   Patent: US 5731294-A 19 24-MAR-1998;
FEATURES   Location/Qualifiers
           source
           1..15
           /organism="unknown"
           /mol_type="unassigned DNA"
Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      934 CTCCTCTTCATT 945
Db      3 CTCCTCTTCCTT 14

RESULT 326
LOCUS      AR192970
DEFINITION Sequence 8458 from patent US 6346398.
ACCESSION  AR192970
VERSION     AR192970.1 GI:20238935
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Burgo,P. McSwiggen,J. and Escobedo,J.
TITLE     Inhibition of neovascularization using VEGF-specific
          oligonucleotides
JOURNAL   Patent: US 6346398-A 12-FEB-2002;
FEATURES   Location/Qualifiers
           source
           1..15
           /organism="unknown"
           /mol_type="unassigned DNA"
Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922 TGCCTTTTATCC 933
Db      3 TTCCTTTTATCC 14

RESULT 327
LOCUS      AR326712
DEFINITION Sequence 4114 from patent US 6566127.
ACCESSION  AR326712
VERSION     AR326712.1 GI:33712520
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE     Method and reagent for the treatment of diseases or conditions
          related to levels of vascular endothelial growth factor receptor
JOURNAL   Patent: US 6566127-A 4114 20-MAY-2003;
FEATURES   Location/Qualifiers
           source
           1..15
           /organism="unknown"
           /mol_type="unassigned RNA"
Query Match      14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      922 TGCCTTTTATCC 933
Db      3 TTCCTTTTATCC 14

RESULT 328
LOCUS      AX635683
DEFINITION Sequence 2822 from Patent EP1260586.
ACCESSION  AX635683
VERSION     AX635683.1 GI:28471297
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1
AUTHORS   Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
          Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
          McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
          Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
          Woolf,T.
TITLE     Method and reagent for inhibiting the expression of disease related
          genes
JOURNAL   Patent: EP 1260586-A 2822 27-NOV-2002;
          RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES   Location/Qualifiers
           source
           1..15
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           /mol_type="unassigned RNA"
           /db_xref="taxon:32644"
Query Match      14.2%; Score 10.4; DB 1; Length 15;
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Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTG 946
|||||
Db 2 TCCTCTTCGTTG 13

RESULT 329
AX635685
LOCUS
DEFINITION Sequence 2824 from Patent EP1260586.
ACCESSION AX635685
VERSION AX635685.1 GI:28471299
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1
AUTHORS
Stinchcomb, D.T., Dudycz, L.W., Chowira, B., Grimm, S., Drenzo, A.,
Karpisky, A., Draper, K.G., Kisch, X., Matulic-Adamic, J.,
Meswiger, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Sweeder, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
Woolf, T.

TITLE Method and reagent for inhibiting the expression of disease related
genes

JOURNAL
Patent: EP 1260586-A 2824 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES
source
1. .15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTG 946
|||||
Db 1 TCCTCTTCGTTG 12

RESULT 330
BD208754
LOCUS
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection.
ACCESSION BD208754
VERSION BD208754.1 GI:33018524
KEYWORDS JP 2002512791-A/2344.
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS
Blatt, L., Meswigen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

TITLE Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection

JOURNAL
Patent: JP 2002512791-A 2344 08-MAY-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/2344
PD 08-MAY-2002
PF 26-APR-1999 JP 2000545991
PR 27-APR-1998 US 60/083217, 18-SEP-1998 US 60/100842 PR
25-FEB-1999 US 09/257608, 23-MAR-1999 US 09/274553 PI
LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
PAVCO.

PI DENNIS MACEJAK
PC C12N9/00, A61K31/7105, A61K38/21, A61K48/00, A61P31/12, C12N15/09,
PC A61K37/66,
PC C12N15/00
CC Enzymatic nucleic acid treatment of diseases or conditions related to

CC hepatitis C virus infection.
FH key Location/Qualifiers
FT source 1. .15
/organism="Hepatitis virus (hepatitis C FT
virus)",
Location/Qualifiers
1. .15
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCCTCTCTTCA 943
|||||
Db 4 CCCTCTCTTCA 15

RESULT 331
AJ595319
LOCUS
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone
415A12.
ACCESSION AJ595319
VERSION AJ595319.1 GI:37944943
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (chale cress)
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.

REFERENCE 1
AUTHORS
Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,
Chauvin, S., Bechtold, N., Cuaud, C., DeRose, R., Pelleier, G.,
Lepiniec, J., Caboche, M. and Lecharny, A.

TITLE T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites

JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)

MEDLINE 22363535
PubMed 12446585

REFERENCE 2 (bases 1 to 15)
AUTHORS
Balzerque, S.

TITLE Direct Submission

JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE

COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).

FEATURES
source
1. .15
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassilewskija"
/db_xref="taxon:3702"
/clone="415A12"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1. .15
/note="T-DNA flanking sequence
left border"

misc_feature
1. .15
/note="T-DNA flanking sequence
left border"

Query Match 14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e-02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

[illegible]

QY	918	TCATTGCGCTTTT 929	16 bp	DNA	linear	PAT 07-MAR-1997
Db	4	TCATTGCGCTTTT 15				
RESULT 332						
A45224/c	A45224	Sequence 101 from Patent WO9517507.				
LOCUS	A45224					
DEFINITION	A45224					
ACCESSION	A45224					
VERSION	A45224.1	GI:2299719				
KEYWORDS						
SOURCE						
ORGANISM						
REFERENCE						
AUTHORS						
TITLE						
JOURNAL						
COMMENT						
FEATURES						
source						
1..16						
/organism="unidentified"						
/mol_type="unassigned DNA"						
/db_xref="taxon:32644"						
Query Match						
Best Local Similarity						
Matches						
11; Conservative						
0; Mismatches						
1; Indels						
0; Gaps						
0;						
QY	917	GTCTTTGCGCTTT 928				
Db	13	GTCTTTGCGCTTT 2				
RESULT 333						
A88985/c	A88985	Sequence 1133 from Patent WO9833904.				
LOCUS	A88985					
DEFINITION	A88985					
ACCESSION	A88985					
VERSION	A88985.1	GI:6737555				
KEYWORDS						
SOURCE						
ORGANISM						
REFERENCE						
AUTHORS						
TITLE						
JOURNAL						
FEATURES						
source						
1..16						
/organism="unidentified"						
/mol_type="unassigned DNA"						
/db_xref="taxon:32644"						
Query Match						
Best Local Similarity						
Matches						
11; Conservative						
0; Mismatches						
1; Indels						
0; Gaps						
0;						
QY	917	GTCTTTGCGCTTT 928				
Db	13	GTCTTTGCGCTTT 2				
RESULT 333						
A88985/c	A88985	Sequence 1133 from Patent WO9833904.				
LOCUS	A88985					
DEFINITION	A88985					
ACCESSION	A88985					
VERSION	A88985.1	GI:6737555				
KEYWORDS						
SOURCE						
ORGANISM						
REFERENCE						
AUTHORS						
TITLE						
JOURNAL						
FEATURES						
source						
1..16						
/organism="unidentified"						
/mol_type="unassigned DNA"						
/db_xref="taxon:32644"						
Query Match						
Best Local Similarity						
Matches			</			

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Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTCATCG 959
    |||||
Db 13 TTTAATGTCATCG 2

RESULT 337
E51108
LOCUS B51108 16 bp DNA linear PAT 31-JAN-2002
DEFINITION Method for detecting virus.
ACCESSION E51108
VERSION E51108.1 GI:18622182
KEYWORDS JP 2000312589-A/12.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS Okamura,K., Kondo,S., Sase,I., Kan,T., Furusawa,I., Mise,K.,
Watanabe,Y. and Kawakami,S.
TITLE Method for detecting virus
JOURNAL Patent: JP 2000312589-A 12 14-NOV-2000;
COMMENT BUNSHI BIO HOTONIKUSU KENKYUSHO
OS Artificial Sequence
PN JP 2000312589-A/12
PD 14-NOV-2000
PF 16-JUL-1999 JP 1999203474
PR
PI KOJI OKAMURA,SATOSHI KONDO,ICHIRO SASE,TAKAYUKI KAN, PI IWAO
FURUSAWA,
PI KAZUYUKI MISE,YUICHIRO WATANABE,SHIGEKI KAWAKAMI PC
C12N15/09,C12N7/00,C12Q1/70,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..16
/mol_type="genomic DNA"
FEATURES
source 1..16
Location/Qualifiers
/mol_type="synthetic construct"
/db_xref="taxon:32630"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTTG 916
    |||||
Db 1 TCATTTCTTTG 12

RESULT 338
AR202867/c
LOCUS AR202867 16 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 101 from patent US 6365345.
ACCESSION AR202867
VERSION AR202867.1 GI:21499106
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Brysch,W., Schlingensiepen,K.-H., Schlingensiepen,R. and
Schlingensiepen,G.-F.
TITLE Antisense nucleic acids for the prevention and treatment of
disorders in which expression of C-erbB plays a role
JOURNAL Patent: US 6365345-A 101 02-APR-2002;
FEATURES
source 1..16
Location/Qualifiers
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTTG 916
    |||||
Db 1 TCATTTCTTTG 12

RESULT 339
AR213623/c
LOCUS AR213623 16 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 57 from patent US 6405989.
ACCESSION AR213623
VERSION AR213623.1 GI:23310902
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Davis,M.E., White,R.A., Saunders,C., Polin,R., Kristiansen,K.,
Ballone,M. and Grossman,G.
TITLE Rollable sports base
JOURNAL Patent: US 6405989-A 57 18-JUN-2002;
FEATURES
source 1..16
Location/Qualifiers
/mol_type="unknown"
/mol_type="genomic DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCCTTGCGCTTT 928
    |||||
Db 13 GTCCTTGCGCTTT 2

RESULT 340
AR364513/c
LOCUS AR364513 16 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 9 from patent US 5312912.
ACCESSION AR364513
VERSION AR364513.1 GI:34427242
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Hadwiger,L.A., Chiang,C.C. and Horovitz,D.A.
TITLE Procedures and regulatory DNA sequences for genetically engineering
disease resistance and other inducible traits in plants
JOURNAL Patent: US 5312912-A 9 17-MAY-1994;
FEATURES
source 1..16
Location/Qualifiers
/mol_type="unknown"
/mol_type="genomic DNA"

Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 940 TTCATTGGTTTA 951
    |||||
Db 13 TTCATTGGTTTA 2

RESULT 341
AX268349/c
LOCUS AX268349 16 bp DNA linear PAT 29-OCT-2001
DEFINITION Sequence 2 from Patent WO0175162.
ACCESSION AX268349
```

```

VERSION      AX268349.1  GI:16541567
KEYWORDS     synthetic construct
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Wang,B.
TITLE        Microarrays to screen regulatory genes
JOURNAL      Patent: WO 0175162-A 2 11-OCT-2001;
              UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC. (US)
FEATURES     Location/Qualifiers
             source
             1..16
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="primer"
Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      900  CCTGTCATTTT 911
Db      14  CCTGTCATTT 3

RESULT 342
BD057681/c
LOCUS       BD057681              16 bp  DNA  linear  PAT 27-AUG-2002
DEFINITION  Fusion proteins comprising bacteriophage coat protein and a
              single-chain T cell receptor.
ACCESSION   BD057681
VERSION     BD057681.1  GI:22603287
KEYWORDS    JP 2001514503-A/57.
SOURCE      Aspergillus tubingensis
ORGANISM    Aspergillus tubingensis
REFERENCE   1 (bases 1 to 16)
AUTHORS     Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;
              Weidanz,J.A.; Card,K.F. and Wong,H.C.
TITLE       Fusion proteins comprising bacteriophage coat protein and a
              single-chain T cell receptor
JOURNAL     Patent: JP 2001514503-A 57 11-SEP-2001;
              SUNOL MOLECULAR CORP
COMMENT     PN JP 2001514503-A/57
             PD 11-SEP-2001
             PF 05-MAR-1998 JP 1998537984
             PR 07-MAR-1997 US 08/813781
             PI JON A WEIDANZ,KIMBERLYN F CARD,HING C WONG
             PC C1201/68,C12N7/01,C12N15/70
             CC Strandedness: Single;
             CC Topology: Linear;
             FH Key Location/Qualifiers.
FEATURES     Location/Qualifiers
             source
             1..16
             /organism="Aspergillus tubingensis"
             /mol_type="genomic DNA"
             /db_xref="taxon:5068"
Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      917  GTCCTTGCCTTT 928
Db      13  GTCCTTGCCTTT 2

RESULT 343
BD066498/c
LOCUS       BD066498              16 bp  DNA  linear  PAT 27-AUG-2002
DEFINITION  An antisense oligonucleotide preparation method.
ACCESSION   BD066498

```

```

VERSION      BD066498.1  GI:22612101
KEYWORDS     JP 2001511000-A/1133.
SOURCE       unidentified
ORGANISM     unidentified
REFERENCE    1 (bases 1 to 16)
AUTHORS      Schlingensiepen,K.H. and Brysch,W.
TITLE        An antisense oligonucleotide preparation method
JOURNAL      Patent: JP 2001511000-A 1133 07-AUG-2001;
              BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT      OS Unknown
             PN JP 2001511000-A/1133
             PD 07-AUG-2001
             PF 30-JAN-1998 JP 1998532533
             PR 31-JAN-1997 EP 97101531.8
             PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
             PC C12N15/11,C07H21/04,A61K31/70
             CC An antisense oligonucleotide preparation method FH Key
             Location/Qualifiers
             FT source
             1..16
             /organism="Unknown".
             Location/Qualifiers
             1..16
             /organism="unidentified"
             /mol_type="genomic DNA"
             /db_xref="taxon:32644"
Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      917  GTCCTTGCCTTT 928
Db      13  GTCCTTGCCTTT 2

RESULT 344
BD067086/c
LOCUS       BD067086              16 bp  DNA  linear  PAT 27-AUG-2002
DEFINITION  An antisense oligonucleotide preparation method.
ACCESSION   BD067086
VERSION     BD067086.1  GI:22612689
KEYWORDS    JP 2001511000-A/1721.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 16)
AUTHORS      Schlingensiepen,K.H. and Brysch,W.
TITLE        An antisense oligonucleotide preparation method
JOURNAL      Patent: JP 2001511000-A 1721 07-AUG-2001;
              BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT      OS Unknown
             PN JP 2001511000-A/1721
             PD 07-AUG-2001
             PF 30-JAN-1998 JP 1998532533
             PR 31-JAN-1997 EP 97101531.8
             PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
             PC C12N15/11,C07H21/04,A61K31/70
             CC An antisense oligonucleotide preparation method FH Key
             Location/Qualifiers
             FT source
             1..16
             /organism="Unknown".
             Location/Qualifiers
             1..16
             /organism="unidentified"
             /mol_type="genomic DNA"
             /db_xref="taxon:32644"
Query Match      14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      935  TCCTTTCATTG 946

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Db      15  TTTCTTCATTG 4
RESULT 345
BD081511/c
LOCUS   Soluble single-chain T-cell receptor proteins.          linear   DNA       16 bp
DEFINITION
ACCESSION BD081511
VERSION   BD081511.1 GI:22627114
KEYWORDS JP 2001519143-A/57.
SOURCE   synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS  Weidanz,J.A., Card,K.F. and Wong,H.C.
TITLE    Soluble single-chain T-cell receptor proteins
JOURNAL  Patent: JP 2001519143-A 57 23-OCT-2001;
          SUNOL MOLECULAR CORP
COMMENT  OS Artificial Sequence
          PN JP 2001519143-A/57
          PD 23-OCT-2001
          PF 28-SEP-1998 JP 2000514936
          PR 02-OCT-1997 US 08/943086
          PI JON A WEIDANZ,KIMBERLYN F CARD,HING C WONG
          PC CL2N15/09,A61K38/00,A61K39/395,A61P43/00,C07K14/725,C07K16/28,
          PC CL2P21/02//
          PC CL2P21/08,CL2N15/00,A61K37/02
          CC Description of Artificial Sequence: primer
          FH Key
          FT source
          FT Location/Qualifiers
FEATURES
source
1..16
/organism="Artificial Sequence".
Query Match 14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 917 GTCTTTGCGCTT 928
Db      13  GTCTTTGCGTT 2
RESULT 346
A59571/c
LOCUS   Sequence 8 from Patent WO9705279.          linear   DNA       15 bp
DEFINITION
ACCESSION A59571
VERSION   A59571.1 GI:3714883
KEYWORDS
SOURCE   unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS  Thomas,H.C., Summerfield,J.A., Main and Janice.
TITLE    METHODS OF PREDICTING THE OUTCOME OF INFECTION
JOURNAL  Patent: WO 9705279-A 8 13-FEB-1997;
          IMPERIAL COLLEGE (GB)
FEATURES
source
1..15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 934 CTCCTCTTCATTGGT 948
Db      15  TTTCTTCATTG 4
RESULT 347
AR029856
LOCUS   Sequence 45 from patent US 5861244.          linear   DNA       15 bp
DEFINITION
ACCESSION AR029856
VERSION   AR029856.1 GI:5943070
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS  Wang,C.-G. and Hepburn,A.G.
TITLE    Genetic sequence assay using DNA triple strand formation
JOURNAL  Patent: US 5861244-A 45 19-JAN-1999;
          Location/Qualifiers
FEATURES
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 908 TTTCTTTTGGTCTTT 922
Db      1  TTTCTTTTTCCTTT 15
RESULT 348
AR041246
LOCUS   Sequence 36 from patent US 5811300.          linear   DNA       15 bp
DEFINITION
ACCESSION AR041246
VERSION   AR041246.1 GI:5961742
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS  Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE    TNF- $\alpha$ . ribozymes
JOURNAL  Patent: US 5811300-A 36 22-SEP-1998;
          Location/Qualifiers
FEATURES
source
1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 923 GCCTTTTATCCCTCC 937
Db      1  GCCTTTTCTCCTCC 15
RESULT 349
AR131847
LOCUS   Sequence 272 from patent US 6194150.          linear   DNA       15 bp
DEFINITION
ACCESSION AR131847
VERSION   AR131847.1 GI:14120750
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS  Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE    Nucleic acid based inhibition of CD40
```



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RESULT 354
LOCUS AR211047 15 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 15 from patent US 6391555.
ACCESSION AR211047
VERSION AR211047.1 GI:21513938
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Johnson,E.S.
TITLE Assay for the detection of avian leukosis/sarcoma viruses (ALSV) in
JOURNAL DNA from human and animal biological specimens
FEATURES
    Patent: US 6391555-A 15 21-MAY-2002;
    Location/Qualifiers
        1..15
            /organism="unknown"
            /mol_type="unassigned DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCAT 944
Db 1 AGCCATCCGCTTCAT 15

RESULT 355
LOCUS AR241966/c 15 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 254 from patent US 6472154.
ACCESSION AR241966
VERSION AR241966.1 GI:27287778
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 254 29-OCT-2002;
FEATURES
    Location/Qualifiers
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            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCTTC 942
Db 15 TTCTCTCCTCTCTC 1

RESULT 356
LOCUS AR371345/c 15 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 8 from patent US 6395476.
ACCESSION AR371345
VERSION AR371345.1 GI:34608277
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Thomas,H.C., Summerfield,J.A. and Main,J.
TITLE Methods of predicting the outcome of HBV infection
JOURNAL Patent: US 6395476-A 8 28-MAY-2002;
FEATURES
    Location/Qualifiers
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source 1..15
/organism="unknown"
/mol_type="genomic DNA"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATGGT 948
Db 15 CTTTCTTCCTTGGT 1

RESULT 357
LOCUS AX357289/c 15 bp DNA linear PAT 13-FEB-2002
DEFINITION Sequence 13 from Patent WO0185208.
ACCESSION AX357289
VERSION AX357289.1 GI:18674441
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Sebbel,P., Dunant,N., Bachmann,M., Tissot,A. and Lechener,F.
TITLE Molecular antigen arrays and vaccines
JOURNAL Patent: WO 0185208-A 13 15-NOV-2001;
Cytos Biotechnology AG (CH) ; Sebbel, Peter (CH) ; Dunant, Nicolas
(CH) ; Bachmann, Martin (CH) ; Tissot, Alain (CH) ; Lechener,
Franziska (CH)
FEATURES
    Location/Qualifiers
        1..15
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Modified ribosome binding site"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CTTTATCCCTCCTCCT 938
Db 15 GCTTTTACCTCCTCCT 1

RESULT 358
LOCUS AX456096/c 15 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 9 from Patent WO0209751.
ACCESSION AX456096
VERSION AX456096.1 GI:21715043
KEYWORDS
SOURCE Escherichia coli
ORGANISM Escherichia coli
REFERENCE 1
AUTHORS Bachmann,M.F. and Renner,W.A.
TITLE Compositions for inducing self-specific anti-ige antibodies and
JOURNAL uses thereof
PATENT: WO 0209751-A 9 07-FEB-2002;
Cytos Biotechnology AG (CH) ; Bachmann, Martin (CH) ; Renner,
Wolfgang Andreas (CH)
FEATURES
    Location/Qualifiers
        1..15
            /organism="Escherichia coli"
            /mol_type="unassigned DNA"
            /db_xref="taxon:562"
Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 924 CCTTTTATCCCTCT 938
| | | | |
Db 15 CGTTTATCTCT 1

RESULT 359
AX551046/c
LOCUS AX551046 15 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 13 from Patent WO02056907.
ACCESSION AX551046
VERSION AX551046.1 GI:25814044
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS Renner,W.A., Bachmann,M., Tissot,A., Maurer,P., Lechner,F.,
Sebbel,P. and Plossek,C.
TITLE Molecular antigen array
JOURNAL Patent: WO 02056907-A 13 25-JUL-2002;
Cytos Biotechnology AG (CH) ; Novartis Pharma AG. (CH) ; Renner,
Wolfgang Andreas (CH) ; Bachmann, Martin (CH) ; Tissot, Alain (CH)
; Maurer, Patrick (CH)
FEATURES
source
Location/Qualifiers
1..15
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Modified ribosome binding site"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CCTTTTATCCCTCT 938
| | | | |
Db 15 CGTTTATCTCT 1

RESULT 360
AX551746/c
LOCUS AX551746 15 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 13 from Patent WO02056905.
ACCESSION AX551746
VERSION AX551746.1 GI:25814545
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS Renner,W.A., Bachmann,M., Tissot,A., Maurer,P., Lechner,F.,
Sebbel,P. and Plossek,C.
TITLE Molecular antigen array
JOURNAL Patent: WO 02056905-A 13 25-JUL-2002;
Cytos Biotechnology AG (CH)
FEATURES
source
Location/Qualifiers
1..15
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Modified ribosome binding site"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CCTTTTATCCCTCT 938
| | | | |
Db 15 CGTTTATCTCT 1

RESULT 361
AX551046/c
LOCUS AX551046 15 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 13 from Patent WO02056907.
ACCESSION AX551046
VERSION AX551046.1 GI:25814044
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS Renner,W.A., Bachmann,M., Tissot,A., Maurer,P., Lechner,F.,
Sebbel,P. and Plossek,C.
TITLE Molecular antigen array
JOURNAL Patent: WO 02056907-A 13 25-JUL-2002;
Cytos Biotechnology AG (CH) ; Novartis Pharma AG. (CH) ; Renner,
Wolfgang Andreas (CH) ; Bachmann, Martin (CH) ; Tissot, Alain (CH)
; Maurer, Patrick (CH)
FEATURES
source
Location/Qualifiers
1..15
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Modified ribosome binding site"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CCTTTTATCCCTCT 938
| | | | |
Db 15 CGTTTATCTCT 1

RESULT 361
AX551746/c
LOCUS AX551746 15 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 13 from Patent WO02056905.
ACCESSION AX551746
VERSION AX551746.1 GI:25814545
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS Renner,W.A., Bachmann,M., Tissot,A., Maurer,P., Lechner,F.,
Sebbel,P. and Plossek,C.
TITLE Molecular antigen array
JOURNAL Patent: WO 02056905-A 13 25-JUL-2002;
Cytos Biotechnology AG (CH)
FEATURES
source
Location/Qualifiers
1..15
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Modified ribosome binding site"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 924 CCTTTTATCCCTCT 938
| | | | |
Db 15 CGTTTATCTCT 1

RESULT 361
AX587116/c
LOCUS AX587116 15 bp DNA linear PAT 10-JAN-2003
DEFINITION Sequence 138 from Patent WO02072883.
ACCESSION AX587116
VERSION AX587116.1 GI:27655991
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified.
REFERENCE
AUTHORS Roetger,A.
TITLE Nucleotide carrier for diagnosing and treating oral diseases
JOURNAL Patent: WO 02072883-A 138 19-SEP-2002;
ROETGER, Antje (DE)
FEATURES
source
Location/Qualifiers
1..15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/note="Bacteria"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 941 TCATTGGTTTAATGT 955
| | | | |
Db 15 TCCTTGGTAAATGT 1

RESULT 362
AX636724
LOCUS AX636724 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3863 from Patent EP1260586.
ACCESSION AX636724
VERSION AX636724.1 GI:28472338
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unclassified.
REFERENCE
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Kapeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 3863 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 923 GCCTTTTATCCCTCT 937
| | | | |
Db 1 GCCTTCTCTCTCT 15

RESULT 363
AX638020/c
LOCUS AX638020 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 5159 from Patent EP1260586.
ACCESSION AX638020
VERSION AX638020.1 GI:28473634
KEYWORDS unidentified
SOURCE unidentified

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ORGANISM      unclassified
REFERENCE
AUTHORS      Karpischky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
              McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
              Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
              Woolf,T.
TITLE        Method and reagent for inhibiting the expression of disease related
              genes
JOURNAL      Patent: EP 1260586-A 5159 27-NOV-2002;
              RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source      1. .15
              /organism="unclassified"
              /mol_type="unassigned RNA"
              /db_xref="taxon:32644"

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      942 CATGTTTAATGTA 956
Db      15 CGTAGTAAATGTA 1

RESULT 364
AX38032/c
LOCUS      AX38032                15 bp      RNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 5171 from Patent EP1260586.
ACCESSION  AX38032
VERSION     AX38032.1 GI:28473646
KEYWORDS
SOURCE      unidentified
ORGANISM    unclassified.

REFERENCE
AUTHORS      Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
              Karpischky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
              McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
              Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
              Woolf,T.
TITLE        Method and reagent for inhibiting the expression of disease related
              genes
JOURNAL      Patent: EP 1260586-A 5171 27-NOV-2002;
              RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source      1. .15
              /organism="unclassified"
              /mol_type="unassigned RNA"
              /db_xref="taxon:32644"

Query Match      14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      944 TTGATTGATGATC 958
Db      15 TTGATTGATGATC 1

RESULT 365
AR162296
LOCUS      AR162296                10 bp      DNA      linear      PAT 17-OCT-2001
DEFINITION Sequence 31 from patent US 6258585.
ACCESSION  AR162296
VERSION     AR162296.1 GI:16229453
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.

REFERENCE
1 (bases 1 to 10)

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AUTHORS      Draper,K.G.
TITLE        Method and reagent for inhibiting influenza virus replication
JOURNAL      Patent: US 6258585-A 31 10-JUL-2001;
FEATURES
source      1. .10
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      902 TGGTCATTTT 911
Db      1 TGGTCATTTT 10

RESULT 366
BD239444/c
LOCUS      BD239444                10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD239444
VERSION     BD239444.1 GI:33049214
KEYWORDS   JP 2002534056-A/862.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS      Roberts,B.L. and Shankara,S.
TITLE        Preparation and use of superior vaccines
JOURNAL      Patent: JP 2002534056-A 862 15-OCT-2002;
              GENZYME CORP
COMMENT      OS Homo sapiens (human)
              PN JP 2002534056-A/862
              PD 15-OCT-2002
              PF 18-JUN-1999 JP 2000554749
              PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
              19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
              19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR
              19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR
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              19-JUN-1998 US 60/089994,19-JUN-1998 US 60/090077 PR
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              19-DEC-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
              08-DEC-1998 US 60/111715
              PI BRUCE L ROBERTS,SRINIVAS SHANKARA
              PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
              C12N1/19,
              PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
              G01N37/00,
              PC C12N15/00,C12N5/00,C12N15/00
              CC Preparation and use of superior vaccines
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              FT      Location/Qualifiers
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              /organism="Homo sapiens"
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              /db_xref="taxon:9606"

Query Match      13.7%; Score 10; DB 1; Length 10;
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Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      913 TTGGTCATTT 922

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Db      10 TTGTGCTTT 1
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RESULT 367
BD239620/c
LOCUS   BD239620
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239620
VERSION   BD239620.1 GI:33049390
KEYWORDS JP 2002534056-A/1038.
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1038 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1038
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
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19-JUN-1998 US 60/090080,19-JUN-1998 US 60/089833 PR
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19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
G01N37/00.
CC Preparation and use of superior vaccines
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FT /organism='Homo sapiens (human)'.
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/organism='Homo sapiens'
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/db_xref='taxon:9606'
Query Match 13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 918 TCTTTCCTT 927
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Db 10 TCTTTCCTT 1
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RESULT 369
AX152157
LOCUS AX152157
DEFINITION Sequence 72 from Patent WO0138577.
ACCESSION AX152157
VERSION AX152157.1 GI:14533808
KEYWORDS KMWWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Velculescu,V.E., Vogelstein,B. and Kinzler,K.W.
TITLE Human transcriptomes
JOURNAL Patent: WO 0138577-A 72 31-MAY-2001;
The Johns Hopkins University (US)
LOCATION/Qualifiers
1..10
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'
source
QY 929 TATCCCTCCT 938
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Db 10 TATCCCTCCT 1
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RESULT 368
BD240609/c
LOCUS BD240609
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240609
VERSION BD240609.1 GI:33050379
KEYWORDS JP 2002534056-A/2027.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1038 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1038
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
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19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
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19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
G01N37/00.
CC Preparation and use of superior vaccines
FH Key Location/Qualifiers
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FT /organism='Homo sapiens (human)'.
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/db_xref='taxon:9606'
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 929 TATCCCTCCT 938
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Db 10 TATCCCTCCT 1
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RESULT 368
BD240609/c
LOCUS BD240609
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240609
VERSION BD240609.1 GI:33050379
KEYWORDS JP 2002534056-A/2027.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1038 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1038
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
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19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
G01N37/00.
CC Preparation and use of superior vaccines
FH Key Location/Qualifiers
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QY 929 TATCCCTCCT 938
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Db 10 TATCCCTCCT 1
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Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 941 TCATTGGTTT 950
Db 1 TCATTGGTTT 10

RESULT 370
AX711012
LOCUS      10 bp RNA linear PAT 11-APR-2003
DEFINITION Sequence 312 from Patent EP1288296.
ACCESSION AX711012
VERSION AX711012.1 GI:29787393
KEYWORDS
SOURCE
ORGANISM Influenza virus
VIRUSES: sRNA negative-strand viruses; Orthomyxoviridae;
unclassified Orthomyxoviridae.
REFERENCE 1
AUTHORS Draper,K.G., McSwiggen,J.A., Holecsek,J.J., Dudycz,L.W.,
Macejak,D.G. and Mamone,J.A.
TITLE Method and reagent for inhibiting HBV viral replication
JOURNAL Patent: EP 1288296-A 312 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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/organism="Influenza virus"
/mol_type="unassigned RNA"
/db_xref="taxon:11309"

Query Match      13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 902 TGGTCATTTT 911
Db 1 TGGTCATTTT 10

RESULT 371
BD001153
LOCUS      10 bp RNA linear PAT 31-JAN-2002
DEFINITION Method and reagent for inhibiting viral replication.
ACCESSION BD001153
VERSION BD001153.1 GI:18625712
KEYWORDS JP 2000342285-A/313.
synthetic construct
SOURCE artificial sequences.
ORGANISM 1 (bases 1 to 10)
REFERENCE 1
AUTHORS Draper,K.G., Dadykztz,L.W., Macswigen,J.A., Maysejak,D.G.,
Holecsek,J.J. and Mamone,A.J.
TITLE Method and reagent for inhibiting viral replication
JOURNAL Patent: JP 2000342285-A 313 12-DEC-2000;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2000342285-A/313
PD 12-DEC-2000
PF 01-MAY-2000 JP 200032616
PR 11-MAY-1992 US 07/882689,14-MAY-1992 US 07/882712 PR
14-MAY-1992 US 07/882713,14-MAY-1992 US 07/882714 PR
14-MAY-1992 US 07/882823,14-MAY-1992 US 07/882824 PR
14-MAY-1992 US 07/882886,14-MAY-1992 US 07/882888 PR
14-MAY-1992 US 07/882889,14-MAY-1992 US 07/882921 PR
14-MAY-1992 US 07/882922,14-MAY-1992 US 07/883823 PR
14-MAY-1992 US 07/883849,14-MAY-1992 US 07/884073 PR
14-MAY-1992 US 07/884074,14-MAY-1992 US 07/884333 PR
14-MAY-1992 US 07/884422,14-MAY-1992 US 07/884521 PR
31-JUL-1992 US 07/923736,26-AUG-1992 US 07/935854 PR
26-AUG-1992 US 07/936086,18-SEP-1992 US 07/948359 PR
15-OCT-1992 US 07/963322,07-DEC-1992 US 07/987129 PR
KENNETH G DRAPER,LEC W DADYKZT,JAMES A MACSWIGEN, PI DENNIS G
MAYSEJAK,
PI JAMES J HOLESEK,ANTHONY J MAMONE
PC C12N15/09,C12N5/10,C12N7/00,A61K38/43,A61K39/125,A61K39/13,
PC A61K39/135,
PC A61K39/145,A61K39/21,A61K39/23,A61K39/245,A61K39/29,A61K48/00,
PC A61P1/16
PC A61P1/14,A61P1/15,A61P1/18,A61P1/22,A61P35/02,C12Q1/68, PC
(C12N15/09,C12R1:93),C12N15/00,C12N5/00,A61K37/48,(C12N15/00, PC
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CC
PH Key Location/Qualifiers

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  Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 902 TGGTCATTTT 911
Db 1 TGGTCATTTT 10

RESULT 373
LOCUS I03849 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 6 from Patent EP 0068693.
ACCESSION I03849
VERSION I03849.1 GI:591988
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 11)
  Kleig,D.G. and Yansura,D.G.
  Production of foot and mouth disease vaccine from microbially
  expressed antigens
  Patent: EP 0068693-A2 6 05-JAN-1983;
  Location/Qualifiers
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Query Match
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  Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 933 CCTCCTCTTC 942
Db 2 CCTCCTCTTC 11

RESULT 374
AX393151
LOCUS AX393151 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 81 from Patent WO0210217.
ACCESSION AX393151
VERSION AX393151.1 GI:19701201
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  St Croix,B., Kinzler,K.W. and Vogelstein,B.
  Endothelial cell expression patterns
  Patent: WO 0210217-A 81 07-FEB-2002;
  The Johns Hopkins University (US)
  Location/Qualifiers
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Db 1 GTCATTTTCT 10

RESULT 377
LOCUS AX628499 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5540 from Patent WO02053774.
ACCESSION AX628499
VERSION AX628499.1 GI:28456537
KEYWORDS

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Db 1 GTCATTTTCT 10

RESULT 375
AX623936 11 bp DNA linear PAT 21-FEB-2003
LOCUS AX623936/c
DEFINITION Sequence 977 from Patent WO02053774.
ACCESSION AX623936
VERSION AX623936.1 GI:28451877
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Petersohn,D., Conradt,M. and Hofmann,K.
  Method for determining homeostasis of the skin
  Patent: WO 02053774-A 977 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
  Location/Qualifiers
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  Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 910 TTCTTTGGTC 919
Db 10 TTCTTTGGTC 1

RESULT 376
AX628265
LOCUS AX628265 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5306 from Patent WO02053774.
ACCESSION AX628265
VERSION AX628265.1 GI:28456303
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
  Petersohn,D., Conradt,M. and Hofmann,K.
  Method for determining homeostasis of the skin
  Patent: WO 02053774-A 5306 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
  Location/Qualifiers
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QY 904 GTCATTTTCT 913
Db 1 GTCATTTTCT 10

RESULT 377
LOCUS AX628499 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5540 from Patent WO02053774.
ACCESSION AX628499
VERSION AX628499.1 GI:28456537
KEYWORDS

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SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Petersohn, D., Conradt, M. and Hofmann, K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5540 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 913 TTTGGTCTTT 922
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Db 1 TTTGGTCTTT 10
RESULT 378
AX631357/c 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 8399 from Patent WO02053774.
ACCESSION AX631357
VERSION AX631357.1 GI:28459403
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE Petersohn, D., Conradt, M. and Hofmann, K.
AUTHORS
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 8399 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 13.7%; Score 10; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 910 TTTCTTTGGTC 919
| | | | | | | | | |
Db 10 TTTCTTTGGTC 1
RESULT 379
BD248252 12 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Short-chain oligonucleotide for inhibiting VEGF expression.
ACCESSION BD248252
VERSION BD248252.1 GI:33058022
KEYWORDS JP 2002524038-A/71.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 12)
REFERENCE Uhlmann, E., Peyman, A., Bitonti, A. and Woessner, R.
AUTHORS
TITLE Short-chain oligonucleotide for inhibiting VEGF expression
JOURNAL Patent: JP 2002524038-A 71 06-AUG-2002;
AVENTIS PHARMA DEUTSCHLAND GMBH
COMMENT CS Artificial Sequence
PN JP 2002524038-A/71
PD 06-AUG-2002

PF 29-JUL-1999 JP 2000563768
PR 07-AUG-1998 EP 98114853.9
PI EUGEN UHLMANN, ANUSCHIRWAN PEYMAN, ALAN BITONTI, RICHARD WOESSNER
PC C12N15/09, A61K31/711, A61K31/712, A61K31/7125 PC
A61K48/00, A61P9/00,
PC A61P13/12, A61F17/16, A61P27/02, A61P29/00, A61P35/00, A61P43/00,
PC C12N15/00
CC Description of Artificial Sequence: Antisense PH Key
Location/Qualifiers
FT source 1..12
FT Location/Qualifiers
1..12
/organism="Artificial Sequence".
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 13.7%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 911 TCTTTGGTCT 920
| | | | | | | | | |
Db 1 TCTTTGGTCT 10
RESULT 380
I83639/c 12 bp DNA linear PAT 10-AUG-1998
LOCUS
DEFINITION Sequence 13 from patent US 5714383.
ACCESSION I83639
VERSION I83639.1 GI:3407169
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Thompson, J.D.
TITLE Method and reagent for treating chronic myelogenous leukemia
JOURNAL Patent: US 5714383-A 13 03-FEB-1998;
FEATURES
source 1..12
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 13.7%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 903 GGTCAATTTTC 912
| | | | | | | | | |
Db 10 GGTCAATTTTC 1
RESULT 381
AR029996 14 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 185 from patent US 5861244.
ACCESSION AR029996
VERSION AR029996.1 GI:5943210
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 185 19-JAN-1999;
FEATURES
source 1..14
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCAT 944
 |||||
 Db 2 TCCTCTTCAT 11

RESULT 382

LOCUS AR030008 14 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 197 from patent US 5861244.
 ACCESSION AR030008
 VERSION AR030008.1 GI:5943222

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 14)
 AUTHORS Wang, C.-G. and Hepburn, A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 197 19-JAN-1999;
 FEATURES
 Location/Qualifiers
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCAT 944
 |||||
 Db 2 TCCTCTTCAT 11

RESULT 383

LOCUS AX211761/c 14 bp DNA linear PAT 06-SEP-2001
 DEFINITION Sequence 9 from Patent WO0159122.
 ACCESSION AX211761
 VERSION AX211761.1 GI:15523960

KEYWORDS
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana

REFERENCE 1
 AUTHORS Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 TITLE Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 JOURNAL rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.

FEATURES

source 1..14
 /organism="Arabidopsis thaliana"
 /mol_type="unassigned DNA"
 /db_xref="taxon:3702"

Query Match 13.7%; Score 10; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CTCCTCTTC 942
 |||||
 Db 10 CTCCTCTTC 1

RESULT 384

LOCUS AR133832 15 bp DNA linear PAT 16-MAY-2001
 DEFINITION Sequence 2257 from patent US 6194150.

ACCESSION AR133832
 VERSION AR133832.1 GI:14122737
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
 AUTHORS Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
 TITLE Nucleic acid based inhibition of CD40
 JOURNAL Patent: US 6194150-A 2257 27-FEB-2001;
 FEATURES
 Location/Qualifiers
 source 1..15
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCCTTGCCCT 926
 |||||
 Db 4 GTCCTTGCCCT 13

RESULT 385

LOCUS AR133833 15 bp DNA linear PAT 16-MAY-2001
 DEFINITION Sequence 2258 from patent US 6194150.
 ACCESSION AR133833
 VERSION AR133833.1 GI:14122738

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
 AUTHORS Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
 TITLE Nucleic acid based inhibition of CD40
 JOURNAL Patent: US 6194150-A 2258 27-FEB-2001;
 FEATURES
 Location/Qualifiers
 source 1..15
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 13.7%; Score 10; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCCTTGCCCT 926
 |||||
 Db 4 GTCCTTGCCCT 13

RESULT 386

LOCUS AX923665/c 15 bp DNA linear PAT 18-DEC-2003
 DEFINITION Sequence 100 from Patent WO03080638.
 ACCESSION AX923665
 VERSION AX923665.1 GI:40216681

KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS Lacasse, E., Mcmanus, D. and Durkin, J.P.
 TITLE Antisense 1ap nucleobase oligomers and uses thereof
 JOURNAL Patent: WO 03080638-A 100 02-OCT-2003;
 FEATURES
 Location/Qualifiers
 source 1..15
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="based on Homo sapiens. Each nucleobase may be part

```
of a ribonucleotide, deoxyribonucleotide, or nucleotide
analog-n = T or U"

Query Match      13.7%; Score 10; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 912 CTTTGGCTTTGCC 925
Db 15 CTNIGGCTTNNNC 2

RESULT 387
AR029867
LOCUS AR029867 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 56 from patent US 5861244.
ACCESSION AR029867
VERSION AR029867.1 GI:5943081
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 56 19-JAN-1999;
FEATURES
source 1..13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 924 CCTTTTATCCCTC 936
Db 1 CCTTTCCCTC 13

RESULT 388
AR058691/c
LOCUS AR058691 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 268 from patent US 5837832.
ACCESSION AR058691
VERSION AR058691.1 GI:5984268
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Chee, M., Cronin, M.T., Fodor, S.P.A., Huang, X.X., Hubbell, E.A.,
Lipshutz, R.J., Lobb, P.E., Morris, M.S., and Sheldom, E.L.
TITLE Arrays of nucleic acid probes on biological chips
JOURNAL Patent: US 5837832-A 268 17-NOV-1998;
FEATURES
source 1..13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTGGCTTTT 922
Db 13 TTCTCTGTTCTTT 1

RESULT 389
ARI75364
LOCUS ARI75364 13 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 87 from patent US 6309823.

of a ribonucleotide, deoxyribonucleotide, or nucleotide
analog-n = T or U"

ACCESSION ARI75364
VERSION ARI75364.1 GI:17916663
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Cronin, M.T., Miyada, C.G., Hubbell, E.A., Chee, M., Fodor, S.P.A.,
Huang, X.X., Lipshutz, R.J., Lobb, P.E., Morris, M.S., and
Sheldom, E.L.
TITLE Arrays of nucleic acid probes for analyzing biotransformation genes
and methods of using the same
JOURNAL Patent: US 6309823-A 87 30-OCT-2001;
FEATURES
source 1..13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCCCTT 927
Db 1 TGGTCTTTGCCCTT 13

RESULT 390
AX498134/c
LOCUS AX498134 13 bp RNA linear PAT 26-SEP-2002
DEFINITION Sequence 167 from Patent WO02057302.
ACCESSION AX498134
VERSION AX498134.1 GI:23343086
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS de Jong, J.C., Fouchier, R.A., van den Hoogen, B.G., Osterhaus, A.D.
and Groen, J.
TITLE A virus causing respiratory tract illness in susceptible mammals
JOURNAL Patent: WO 02057302-A 167 25-JUL-2002;
Viroclinics B.V. (NL)
FEATURES
source 1..13
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
/note="Pneumovirinae"
misc_feature 1..13
/note="Essentially non-coding sequence, gene start"

Query Match      13.4%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 TGCCTTTATCCC 934
Db 13 TGTCAATTATCCC 1

RESULT 391
A40492
LOCUS A40492 14 bp DNA linear PAT 05-MAR-1997
DEFINITION Sequence 29 from Patent WO9425578.
ACCESSION A40492
VERSION A40492.1 GI:2296527
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 14)
AUTHORS
```

TITLE ANTISENSE-OLIGONUCLEOTIDES FOR THE TREATMENT OF IMMUNOSUPPRESSIVE
EFFECTS OF TRANSFORMING GROWTH FACTOR--g(b) (TGF-g(b))
JOURNAL Patent: WO 9425578-A 29 10-NOV-1994;
BIOGOSTIK GES (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCT 940

Db 2 TTATCCCTGCTGT 14

RESULT 392

A88603/c 13.4%; Score 9.8; DB 1; Length 14; PAT 22-JAN-2000
LOCUS A88603 Sequence 751 from Patent WO9833904.
DEFINITION A88603
ACCESSION A88603
VERSION A88603.1 GI:6737173
KEYWORDS
SOURCE

unidentified

unclassified

REFERENCE 1 (bases 1 to 14)

AUTHORS Brysch,W. and Schlingensiepen,K.

TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD

JOURNAL Patent: WO 9833904-A 751 06-AUG-1998;
BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTT 921

Db 14 TTTATTGATCTT 2

RESULT 393

A89019 13.4%; Score 9.8; DB 1; Length 14; PAT 22-JAN-2000
LOCUS A89019 Sequence 1167 from Patent WO9833904.
DEFINITION A89019
ACCESSION A89019
VERSION A89019.1 GI:6737589
KEYWORDS
SOURCE

unidentified

unclassified

REFERENCE 1 (bases 1 to 14)

AUTHORS Brysch,W. and Schlingensiepen,K.

TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD

JOURNAL Patent: WO 9833904-A 1167 06-AUG-1998;
BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCT 940

Db 2 TTATCCCTGCTGT 14

RESULT 394

A90570/c 13.4%; Score 9.8; DB 1; Length 14; PAT 22-JAN-2000
LOCUS A90570 Sequence 751 from Patent EP0856579.
DEFINITION A90570
ACCESSION A90570
VERSION A90570.1 GI:6739084
KEYWORDS
SOURCE

unidentified

unclassified

REFERENCE 1 (bases 1 to 14)

AUTHORS Brysch,W.D. and Schlingensiepen,K.D.

TITLE An antisense oligonucleotide preparation method

JOURNAL Patent: EP 0856579-A 751 05-AUG-1998;
BIOGOSTIK GES (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

Conservative

Mismatches

Indels

Gaps

Length

Pred. No.

Score

DB

PAT

22-JAN-2000

Sequence

751 from Patent

EP0856579

DEFINITION

A90570

ACCESSION

A90570

VERSION

A90570.1

KEYWORDS

SOURCE

unidentified

unclassified

REFERENCE

1 (bases 1 to 14)

AUTHORS

Brysch,W.D. and Schlingensiepen,K.D.

TITLE

An antisense oligonucleotide preparation method

JOURNAL

Patent: EP 0856579-A 751 05-AUG-1998;
BIOGOSTIK GES (DE)

FEATURES

source

1. .14
Location/Qualifiers
/organism="unassigned DNA"
/mol_type="unassigned DNA"

Query Match

Best Local Similarity

Matches

Conservative

Mismatches

Indels

Gaps

Length

Pred. No.

Score

DB

PAT

07-OCT-1997

Sequence

15 from patent

US 5652350

DEFINITION

I58724

ACCESSION

I58724

VERSION

I58724.1

KEYWORDS

SOURCE

Unknown.

ORGANISM

Unknown.

Unclassified.									
REFERENCE	1	(bases 1 to 14)							
AUTHORS	Watanabe,K.A.,	Ren,W.-Y. and Weil,R.							
TITLE	Complementary DNA and toxins								
JOURNAL	Patent: US 5652350-A 15 29-JUL-1997;								
FEATURES	Location/Qualifiers								
source	1..14								
	/organism="unknown"								
	/mol_type="unassigned DNA"								
Query Match									
Best Local Similarity	13.4%;	Score 9.8;	DB 1;	Length 14;					
Matches	11;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
QY	919	CTTTCCTTTTAT	931						
Db	13	CTTTCCTTTT	1						
RESULT 397									
AR232772									
LOCUS	AR232772	14 bp	DNA	linear	PAT 20-DEC-2002				
DEFINITION	Sequence 29 from patent US 6455689.								
ACCESSION	AR232772								
VERSION	AR232772.1	GI:27275110							
KEYWORDS	Unknown.								
SOURCE	Unknown.								
ORGANISM	Unclassified.								
REFERENCE	1	(bases 1 to 14)							
AUTHORS	Schlingensiepen,G.-F.,	Brysch,W.,	Schlingensiepen,K.-H.,						
TITLE	Schlingensiepen,R. and Bogdahn,U.								
	Antisense-oligonucleotides for transforming growth factor-.beta.								
(TGF-.beta.)									
JOURNAL	Patent: US 6455689-A 29 24-SEP-2002;								
FEATURES	Location/Qualifiers								
source	1..14								
	/organism="unknown"								
	/mol_type="genomic DNA"								
Query Match									
Best Local Similarity	13.4%;	Score 9.8;	DB 1;	Length 14;					
Matches	11;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
QY	928	TTATCCCTCCTCT	940						
Db	2	TTATCCCTGCTGT	14						
RESULT 398									
AR408017/c									
LOCUS	AR408017	14 bp	RNA	linear	PAT 18-DEC-2003				
DEFINITION	Sequence 110 from patent US 6632057.								
ACCESSION	AR408017								
VERSION	AR408017.1	GI:40158004							
KEYWORDS	Unknown.								
SOURCE	Unknown.								
ORGANISM	Unclassified.								
REFERENCE	1	(bases 1 to 14)							
AUTHORS	Fauchet,C.R.J.								
TITLE	Fixing unit with an end imprint in a threaded terminal portion								
JOURNAL	Patent: US 6632057-A 110 14-OCT-2003;								
FEATURES	Location/Qualifiers								
source	1..14								
	/organism="unknown"								
	/mol_type="unassigned RNA"								
Query Match									
Best Local Similarity	13.4%;	Score 9.8;	DB 1;	Length 14;					
Matches	11;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
QY	922	TGCCTTTTATCCC	934						

```

ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 751 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Unknown
PN JP 2001511000-A/751
PD 07-AUG-2001
PR 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11.C07H21/04.A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1..14
/organism='Unknown'
FEATURES
source
1..14
Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTCTTTGGTCTT 921
DB 14 TTATTTGATCTT 2
RESULT 402
BD066532 14 bp DNA linear PAT 27-AUG-2002
LOCUS
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD066532
VERSION BD066532.1 GI:22612135
KEYWORDS JP 2001511000-A/1167.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 1167 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Unknown
PN JP 2001511000-A/1167
PD 07-AUG-2001
PR 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11.C07H21/04.A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1..14
/organism='Unknown'
FEATURES
source
1..14
Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 13.4%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 928 TTATCCCTCTCT 940
DB 2 TTATCCCTCTGT 14
ORGANISM unidentified
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Wang,C.-G. and Heppburn,A.G.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: WO 9833904-A 752 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
FT source 1..15
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTCTTTGGTCTT 921
DB 15 TTATTTGATCTT 3
RESULT 403
A88604/c 15 bp DNA linear PAT 22-JAN-2000
LOCUS
DEFINITION Sequence 752 from Patent WO9833904.
ACCESSION A88604
VERSION A88604.1 GI:6737174
KEYWORDS
SOURCE unidentified
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 752 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
FT source 1..15
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTCTTTGGTCTT 921
DB 15 TTATTTGATCTT 3
RESULT 404
A90571/c 15 bp DNA linear PAT 22-JAN-2000
LOCUS
DEFINITION Sequence 752 from Patent EP0856579.
ACCESSION A90571
VERSION A90571.1 GI:6739085
KEYWORDS
SOURCE unidentified
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 752 05-AUG-1999;
BIOGNOSTIK GES (DE)
Location/Qualifiers
FT source 1..15
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 909 TTCTTTGGTCTT 921
DB 15 TTATTTGATCTT 3
RESULT 405
A3029953 15 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 142 from patent US 5861244.
ACCESSION A3029953
VERSION A3029953.1 GI:5943167
KEYWORDS
SOURCE Unknown.
unclassified.
REFERENCE
1 (bases 1 to 15)
AUTHORS Wang,C.-G. and Heppburn,A.G.

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 901 CTGGTCAATTTCT 913
||||| |||||
Db 13 CTGGCAATTTCT 1

RESULT 411
AR056084/c
LOCUS      AR056084      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 288 from patent US 5837542.
ACCESSION  AR056084
VERSION     AR056084.1 GI:5981661
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
            Draper,K.G.
TITLE      Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL    Patent: US 5837542-A 288 17-NOV-1998;
FEATURES    Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 959 GCTACCAACGGTG 971
||||| |||||
Db 15 GCTAACAAAGGTG 3

RESULT 412
AR056085/c
LOCUS      AR056085      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 289 from patent US 5837542.
ACCESSION  AR056085
VERSION     AR056085.1 GI:5981662
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
            Draper,K.G.
TITLE      Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL    Patent: US 5837542-A 289 17-NOV-1998;
FEATURES    Location/Qualifiers
            source
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 959 GCTACCAACGGTG 971
||||| |||||
Db 14 GCTAACAAAGGTG 2

RESULT 413
AR058431/c
LOCUS      AR058431      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 8 from patent US 5837832.
ACCESSION  AR058431
VERSION     AR058431.1 GI:5984008
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
            Lipshutz,R.J., Lobban,P.E., Morris,M.S. and Sheldon,E.L.
TITLE      Arrays of nucleic acid probes on biological chips
JOURNAL    Patent: US 5837832-A 8 17-NOV-1998;
FEATURES    Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 938 TCTTCATTTGGTTT 950
||||| |||||
Db 14 TCATCATTTGGTGT 2

RESULT 414
AR058439/c
LOCUS      AR058439      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 16 from patent US 5837832.
ACCESSION  AR058439
VERSION     AR058439.1 GI:5984016
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
            Lipshutz,R.J., Lobban,P.E., Morris,M.S. and Sheldon,E.L.
TITLE      Arrays of nucleic acid probes on biological chips
JOURNAL    Patent: US 5837832-A 16 17-NOV-1998;
FEATURES    Location/Qualifiers
            source
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTTTC 924
||||| |||||
Db 14 TCTTTNGTGTTC 1

RESULT 415
AR058440/c
LOCUS      AR058440      15 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 17 from patent US 5837832.
ACCESSION  AR058440
VERSION     AR058440.1 GI:5984017
KEYWORDS    .
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 15)
AUTHORS    Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
            Lipshutz,R.J., Lobban,P.E., Morris,M.S. and Sheldon,E.L.
TITLE      Arrays of nucleic acid probes on biological chips
JOURNAL    Patent: US 5837832-A 17 17-NOV-1998;
FEATURES    Location/Qualifiers
            source
            1..15
            /organism="unknown"
            /mol_type="unassigned DNA"

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/mol_type="unassigned DNA"
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 911 TCTTGGCTCTTCC 924
Db 15 TCTTGGCTCTTCC 2

RESULT 416
LOCUS AR113675/c 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 121 from patent US 6132967.
ACCESSION AR113675
VERSION AR113675.1 GI:14093997
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 121 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 901 CTGGTCATTTCT 913
Db 13 CTGGGAATTTCT 1

RESULT 417
LOCUS AR113842/c 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 288 from patent US 6132967.
ACCESSION AR113842
VERSION AR113842.1 GI:14094164
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 288 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAAGGTG 971
Db 15 GCTAACAAAGGTG 3

RESULT 418
LOCUS AR113843/c 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 289 from patent US 6132967.
ACCESSION AR113843
VERSION AR113843.1 GI:14094165
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 289 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAAGGTG 971
Db 14 GCTAACAAAGGTG 2

RESULT 419
LOCUS AR133323/c 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1748 from patent US 6194150.
ACCESSION AR133323
VERSION AR133323.1 GI:14122228
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE Nucleic acid based inhibition of CD40
JOURNAL Patent: US 6194150-A 1748 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TCTTCATGTGTTT 950
Db 14 TCTTCTTAGTTT 2

RESULT 420
LOCUS AR133386 15 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1811 from patent US 6194150.
ACCESSION AR133386
VERSION AR133386.1 GI:14122291
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE Nucleic acid based inhibition of CD40
JOURNAL Patent: US 6194150-A 1811 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..15
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 CTCCTCTTCATTG 946
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DB 3 CTCGTCATCATG 15

RESULT 421

LOCUS 121576 15 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 123 from patent US 5521300.
ACCESSION 121576
VERSION 121576.1 GI:1601930
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Shah,J.S., Nietupski,R.M. and Liu,J.
TITLE Oligonucleotides complementary to mycobacterial nucleic acids
JOURNAL Patent: US 5521300-A 123 28-MAY-1996;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 3.1e+02;
Matches 11; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGCGCTTTATCC 934
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DB 1 TTAGCMTTTCACCC 15

RESULT 422

LOCUS 121578 15 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 125 from patent US 5521300.
ACCESSION 121578
VERSION 121578.1 GI:1601932
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Shah,J.S., Nietupski,R.M. and Liu,J.
TITLE Oligonucleotides complementary to mycobacterial nucleic acids
JOURNAL Patent: US 5521300-A 125 28-MAY-1996;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 3.1e+02;
Matches 11; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 920 TTGCGCTTTATCC 934
||| ||| ||| ||| |||
DB 1 TTGCGMTTTCACCC 15

RESULT 423

LOCUS 139026 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 64 from patent US 5616488.
ACCESSION 139026
VERSION 139026.1 GI:2083506

KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 64 01-APR-1997;
FEATURES Location/Qualifiers
source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAATGT 955
||| ||| ||| ||| |||
DB 15 ATTGGTTTAAATGT 3

RESULT 424

LOCUS 139035 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 73 from patent US 5616488.
ACCESSION 139035
VERSION 139035.1 GI:2083515
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 73 01-APR-1997;
FEATURES Location/Qualifiers
source
1. .15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGTA 956
||| ||| ||| ||| |||
DB 1 TTGGTTTAAATGTA 13

RESULT 425

LOCUS 139131 15 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 169 from patent US 5616488.
ACCESSION 139131
VERSION 139131.1 GI:2083611
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 169 01-APR-1997;
FEATURES Location/Qualifiers
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Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAATGT 955
Db 2 ATTTATTAAATGT 14

RESULT 426
I39132
LOCUS I39132 linear PAT 13-MAY-1997
DEFINITION Sequence 170 from patent US 5616488.
ACCESSION I39132
VERSION I39132.1 GI:2083612
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 170 01-APR-1997;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAATGT 955
Db 1 ATTTATTAAATGT 13

RESULT 427
I39398
LOCUS I39398 linear PAT 13-MAY-1997
DEFINITION Sequence 436 from patent US 5616488.
ACCESSION I39398
VERSION I39398.1 GI:2083878
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
TITLE IL-5 targeted ribozymes
JOURNAL Patent: US 5616488-A 436 01-APR-1997;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAATGT 955
Db 1 ATTTATTAAATGT 13

RESULT 428
I39399
LOCUS I39399 linear PAT 13-MAY-1997
DEFINITION Sequence 437 from patent US 5616488.
ACCESSION I39399
VERSION I39399.1 GI:2083879
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.

QY 943 ATTGGTTTAATGT 955
Db 2 ATTTATTAAATGT 14

RESULT 429
I39399
LOCUS I39399 linear PAT 20-APR-2002
DEFINITION Sequence 3 from patent US 6333152.
ACCESSION I39399
VERSION I39399.1 GI:20221968
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
TITLE Gene expression profiles in normal and cancer cells
JOURNAL Patent: US 6333152-A 3 25-DEC-2001;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAATGT 955
Db 3 TCCCTGCCCTCA 15

RESULT 430
I393005
LOCUS I393005 linear PAT 20-APR-2002
DEFINITION Sequence 8493 from patent US 6346398.
ACCESSION I393005
VERSION I393005.1 GI:20238970
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 8493 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 916 GGTCCTTCCTTT 928
Db 3 GGCTATGCCATT 15


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QY 901 CTGGTCATTTCT 913
Db 13 CTGGGATTTTCT 1

RESULT 436
AX6331148/c
LOCUS AX6331148 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 287 from Patent EP1260586.
ACCESSION AX6331148
VERSION AX6331148.1 GI:28468762
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 287 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1..15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 959 GCTACCAAGGTG 971
Db 15 GCTACCAAGGTG 3

RESULT 437
AX6331150/c
LOCUS AX6331150 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 289 from Patent EP1260586.
ACCESSION AX6331150
VERSION AX6331150.1 GI:28468764
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 289 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGGTTTAAGT 955
Db 15 ATTGGTTTACTCT 3

RESULT 439
AX635299
LOCUS AX635299 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2438 from Patent EP1260586.
ACCESSION AX635299
VERSION AX635299.1 GI:28470913
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2438 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGA 956
Db 1 TTGGTTTAATGAA 13

RESULT 438
AX635281/c
LOCUS AX635281 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2420 from Patent EP1260586.
ACCESSION AX635281
VERSION AX635281.1 GI:28470895
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggan,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2420 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGA 956
Db 1 TTGGTTTAATGAA 13

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RESULT 440
AX635395 LOCUS AX635395 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2534 from Patent EP1260586.
ACCESSION AX635395
VERSION AX635395.1 GI:28471009
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2534 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 943 ATTGGTTTAATGT 955
Db 2 ATTATTATTAATGT 14

RESULT 441
AX635397 LOCUS AX635397 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2536 from Patent EP1260586.
ACCESSION AX635397
VERSION AX635397.1 GI:28471011
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2536 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 943 ATTGGTTTAATGT 955
Db 1 ATTATTATTAATGT 13

RESULT 442
AX635679 LOCUS AX635679 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2536 from Patent EP1260586.
ACCESSION AX635679
VERSION AX635679.1 GI:28472339
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2536 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 943 ATTGGTTTAATGT 955
Db 1 ATTATTATTAATGT 13

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DEFINITION Sequence 2818 from Patent EP1260586.
ACCESSION AX635679
VERSION AX635679.1 GI:28471293
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2818 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 931 TCCCTCCTCTCTCA 943
Db 3 TCCCTCCTCTCTCA 15

RESULT 443
AX635681 LOCUS AX635681 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 2820 from Patent EP1260586.
ACCESSION AX635681
VERSION AX635681.1 GI:28471295
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 2820 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1..15
/organism="unidentified"
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Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 931 TCCCTCCTCTCTCA 943
Db 3 TCCCTCCTCTCTCA 15

RESULT 444
AX636725 LOCUS AX636725 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3864 from Patent EP1260586.
ACCESSION AX636725
VERSION AX636725.1 GI:28472339
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 3864 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 931 TCCCTCCTCTCTCA 943
Db 3 TCCCTCCTCTCTCA 15

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KEYWORDS
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 unclassified.
AUTHORS     Scinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
            Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
            Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
            Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
            Woolf,T.
TITLE       Method and reagent for inhibiting the expression of disease related
            genes
JOURNAL     Patent: EP 1260586-A 3864 27-NOV-2002;
            RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source      1..15
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Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGG 947
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Db 2 TCCTCTTCAGGG 14

RESULT 445
AX636727
LOCUS      AX636727 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3866 from Patent EP1260586.
ACCESSION  AX636727
VERSION     AX636727.1 GI:28472341
KEYWORDS   unidentified
SOURCE     unclassified.
ORGANISM   1
AUTHORS     Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
            Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
            Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
            Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
            Woolf,T.
TITLE       Method and reagent for inhibiting the expression of disease related
            genes
JOURNAL     Patent: EP 1260586-A 3866 27-NOV-2002;
            RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source      1..15
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Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGG 947
    |||||
Db 1 TCCTCTTCAGGG 13

RESULT 446
BD066117/c
LOCUS      BD066117 15 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION  BD066117
VERSION     BD066117.1 GI:22611720
KEYWORDS   unidentified
SOURCE     unidentified

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unclassified.
1 (bases 1 to 15)
AUTHORS     Schlingensiepen,K.H. and Brysch,W.
TITLE       An antisense oligonucleotide preparation method
JOURNAL     Patent: JP 2001511000-A 752 07-AUG-2001;
            BIOONOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT     OS Unknown
            PN JP 2001511000-A/752
            PD 07-AUG-2001
            PF 30-JAN-1998 JP 1998532533
            PR 31-JAN-1997 EP 97101531.8
            PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
            PC CL2N15/11,C07H21/04,A61K31/70
            CC An antisense oligonucleotide preparation method FH Key
            Location/Qualifiers
            FT source 1..15
            FT Location/Qualifiers
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            /organism="unidentified"
            /mol_type="genomic DNA"
            /db_xref="taxon:32644"
Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 TTTCTTTGGCTT 921
    |||||
Db 15 TTTATTGATCTT 3

RESULT 447
BD103920/c
LOCUS      BD103920 15 bp DNA linear PAT 27-AUG-2002
DEFINITION Kit and method for determining HLA type.
ACCESSION  BD103920
VERSION     BD103920.1 GI:22649494
KEYWORDS   WO 0132572-A/24.
SOURCE     synthetic construct
            ORGANISM artificial construct
            REFERENCE 1 (bases 1 to 15)
            AUTHORS Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
            Nishida,M.
TITLE       Kit and method for determining HLA type
JOURNAL     Patent: WO 0192572-A 24 06-DEC-2001;
            NISHINBO INDUSTRIES INC.SYSTEM RESEARCH INC,HIDETOSHI INOKO, TAEKO
            KAGIYA, TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHIO
            NISHIDA
COMMENT     OS Artificial Sequence
            PN WO 0192572-A/24
            PD 06-DEC-2001
            PF 01-JUN-2001 WO 2001JP004662
            PR 01-JUN-2000 JP 00P 164798
            PI HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI
            MATSUMURA,
            PC SHOGO MORIYA,MICHIO NISHIDA
            CC CL2Q1/68,Cl2M1/00,Cl2N15/09,GOIN33/53
            Description of Artificial Sequence:capture
            FH Key Location/Qualifiers
            FT source 1..15
            FT Location/Qualifiers
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Query Match      13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 931 TCCTCTCTCTTCA 943
Db 14 TCCTCTCTCTTCA 2

RESULT 448
BD217212 15 bp DNA linear PAT 17-JUL-2003
LOCUS BD217212 Molecular torches.
DEFINITION BD217212
ACCESSION BD217212
VERSION BD217212.1 GI:33026982
KEYWORDS JP 2002519073-A/4.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 15)
AUTHORS Becker, M.M. and Schroth, G.P.
TITLE Molecular torches
JOURNAL Patent: JP 2002519073-A 4 02-JUL-2002;
COMMENT GEN PROBE INC
OS Artificial Sequence
PN JP 2002519073-A/4
PD 02-JUL-2002
PF 01-JUL-1999 JP 2000558240
PR 02-JUL-1998 US 60/091616
PI MICHAEL M BECKER, GARY P SCHROTH
PC C1201/68, C12N15/09, C12N15/00
CC Description of Artificial Sequence: Nucleotide base CC
recognition sequence
CC substantially complementary to SEQ ID Nos. 1 and 3 FH Key
Location/Qualifiers
FT source 1..15
FT /organism='Artificial Sequence'.

FEATURES
source
Location/Qualifiers
1..15
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 908 TTTTCTTTGTCT 920
Db 2 TTTTCTTTGTCT 14

RESULT 449
AR002185 11 bp DNA linear PAT 04-DEC-1998
LOCUS AR002185
DEFINITION Sequence 39 from patent US 5741490.
ACCESSION AR002185
VERSION AR002185.1 GI:3963739
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Reyes, G.R., Bradley, D.W., Twu, J.-S., Purdy, M.A., Tam, A.W., Krawczynski, K.Z. and Varbough, P.D.
TITLE Hepatitis B virus vaccine and method
JOURNAL Patent: US 5741490-A 39 21-APR-1998;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 TGGTCTTTGCC 925
Db 1 TGGTCTTTGCC 11

RESULT 450
AR030118 11 bp DNA linear PAT 29-SEP-1999
LOCUS AR030118
DEFINITION Sequence 307 from patent US 5861244.
ACCESSION AR030118
VERSION AR030118.1 GI:5943332
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 307 19-JAN-1999;
FEATURES Location/Qualifiers
source 1..11
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/mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 918 TCCTTTCCTTT 928
Db 1 TCCTTTCCTTT 11

RESULT 451
AR171021 11 bp DNA linear PAT 17-DEC-2001
LOCUS AR171021
DEFINITION Sequence 2 from patent US 6297013.
ACCESSION AR171021
VERSION AR171021.1 GI:17909971
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Morgan, A.R. and Severini, A.
TITLE Compositions and methods for determining the activity of DNA-binding proteins and of initiation of transcription
JOURNAL Patent: US 6297013-A 2 02-OCT-2001;
FEATURES Location/Qualifiers
source 1..11
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCCTTTATCCC 934
Db 11 CCCTTTATACC 1

RESULT 452
AR171022 11 bp DNA linear PAT 17-DEC-2001
LOCUS AR171022
DEFINITION Sequence 3 from patent US 6297013.
ACCESSION AR171022
VERSION AR171022.1 GI:17909972
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Morgan, A.R. and Severini, A.

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TITLE      Compositions and methods for determining the activity of
JOURNAL    DNA-binding proteins and of initiation of transcription
FEATURES   Patent: US 6297013-A 3 02-OCT-2001;
            Location/Qualifiers
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            /mol_type="unassigned DNA"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 11 CCTTTATACC 1

RESULT 453
AR301478
LOCUS      AR301478 11 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 59 from patent US 6538173.
ACCESSION  AR301478
VERSION     AR301478.1 GI:31689280
KEYWORDS    Unknown.
SOURCE      Unclassified.
ORGANISM    Heber-Katz,E.
REFERENCE   1 (bases 1 to 11)
AUTHORS    Heber-Katz,E.
TITLE      Compositions and methods for wound healing
JOURNAL    Patent: US 6538173-A 59 25-MAR-2003;
FEATURES   Location/Qualifiers
            1. .11
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 1 CCTTTATCCC 11

RESULT 454
AR301698
LOCUS      AR301698 11 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 279 from patent US 6538173.
ACCESSION  AR301698
VERSION     AR301698.1 GI:31689500
KEYWORDS    Unknown.
SOURCE      Unclassified.
ORGANISM    Heber-Katz,E.
REFERENCE   1 (bases 1 to 11)
AUTHORS    Heber-Katz,E.
TITLE      Compositions and methods for wound healing
JOURNAL    Patent: US 6538173-A 279 25-MAR-2003;
FEATURES   Location/Qualifiers
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Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 1 CCTTTATACC 1

RESULT 455
AR301698
LOCUS      AR301698 11 bp DNA linear PAT 24-JAN-2001
DEFINITION Sequence 2 from Patent WO0100817.
ACCESSION  AR301698
VERSION     AR301698.1 GI:12541342
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    synthetic construct
            artificial sequences.
REFERENCE   1
AUTHORS    Morgan,A.R. and Severini,A.
TITLE      Compositions and methods for determining the activity of
            dna-binding proteins and of initiation of transcription
            Patent: WO 0100817-A 2 04-JAN-2001;
            DNAB Diagnostics, Inc. (CA)
FEATURES   Location/Qualifiers
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            /db_xref="taxon:32630"
            /note="Synthetic"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 11 CCTTTATACC 1

RESULT 456
AR301698
LOCUS      AR301698 11 bp DNA linear PAT 24-JAN-2001
DEFINITION Sequence 3 from Patent WO0100817.
ACCESSION  AR301698
VERSION     AR301698.1 GI:12541343
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    synthetic construct
            artificial sequences.
REFERENCE   1
AUTHORS    Morgan,A.R. and Severini,A.
TITLE      Compositions and methods for determining the activity of
            dna-binding proteins and of initiation of transcription
            Patent: WO 0100817-A 3 04-JAN-2001;
            DNAB Diagnostics, Inc. (CA)
FEATURES   Location/Qualifiers
            1. .11
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Synthetic"

Query Match      12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCCC 934
Db 11 CCTTTATACC 1

RESULT 457
AR301698
LOCUS      AR301698 11 bp DNA linear PAT 09-MAR-2001
DEFINITION Sequence 28 from Patent WO0112858.
ACCESSION  AR301698
VERSION     AR301698.1 GI:13275716
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS He, T.C., Kinzler, K.W. and Vogelstein, B.
TITLE ppar_g(d) links apc to chemopreventive drugs
JOURNAL Patent: WO 012858-A 28 22-FEB-2001;
The Johns Hopkins University (US)
FEATURES Location/Qualifiers
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

QY 900 CCTGGTCATT 910
DB 1 CCTGGTCATT 11

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGGTCATT 910
DB 1 CCTGGTCATT 11

RESULT 458
AX394510
LOCUS AX394510 11 bp DNA linear PAT 18-MAY-2002
DEFINITION Sequence 55 from Patent WO0218638.
ACCESSION AX394510
VERSION AX394510.1 GI:21065648
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Risinger, C., Andersson, M.K., Lewander, T. and Olliasson, E.
TITLE Detection of cyp2d6 polymorphisms
JOURNAL Patent: WO 0218638-A 55 07-MAR-2002;
Gemini Genomics PLC (GB)
FEATURES Location/Qualifiers
source 1..11
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Synthetic oligonucleotide"

QY 903 GGTCAATTTCT 913
DB 1 GGTCAATTTCT 11

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTTCT 913
DB 1 GGTCAATTTCT 11

RESULT 459
AX394517/c
LOCUS AX394517 11 bp DNA linear PAT 18-MAY-2002
DEFINITION Sequence 62 from Patent WO0218638.
ACCESSION AX394517
VERSION AX394517.1 GI:21065655
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Risinger, C., Andersson, M.K., Lewander, T. and Olliasson, E.
TITLE Detection of cyp2d6 polymorphisms
JOURNAL Patent: WO 0218638-A 62 07-MAR-2002;
Gemini Genomics PLC (GB)
FEATURES Location/Qualifiers
source 1..11
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

QY 913 TTTGGTCTTTG 923
DB 1 TTTGGTCTTTG 11

/note="Synthetic oligonucleotide"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTTCT 913
DB 11 GGTCAATTTCT 1

RESULT 460
AX470497
LOCUS AX470497 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 74 from Patent WO02053773.
ACCESSION AX470497
VERSION AX470497.1 GI:22205622
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 74 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES Location/Qualifiers
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

QY 924 CCTTTTATCCC 934
DB 1 CCTGTATCCC 11

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTTATCCC 934
DB 1 CCTGTATCCC 11

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTTATCCC 934
DB 1 CCTGTATCCC 11

RESULT 461
AX471065
LOCUS AX471065 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 642 from Patent WO02053773.
ACCESSION AX471065
VERSION AX471065.1 GI:22206190
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Hofmann, K., Conrad, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 642 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES Location/Qualifiers
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

QY 913 TTTGGTCTTTG 923
DB 1 TTTGGTCTTTG 11

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 TTTGGTCTTTG 923
DB 1 TTTGGTCTTTG 11

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RESULT 462
AX471213/c
LOCUS AX471213 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 790 from Patent WO02053773.
ACCESSION AX471213
VERSION AX471213.1 GI:22206338
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL HENKEL KGAA (DE)
FEATURES
source
1..11
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTGCGCTTTTA 930
11 TTGTGCTTTTA 1
Db

RESULT 463
AX471469/c
LOCUS AX471469 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 1046 from Patent WO02053773.
ACCESSION AX471469
VERSION AX471469.1 GI:22206594
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL HENKEL KGAA (DE)
FEATURES
source
1..11
Location/Qualifiers
1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTGCGCTTTTA 930
11 TTGTGCTTTTA 1
Db

RESULT 464
AX471505/c
LOCUS AX471505 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 1082 from Patent WO02053773.
ACCESSION AX471505
VERSION AX471505.1 GI:22206630
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL HENKEL KGAA (DE)
FEATURES
source
1..11
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 906 CATTTCCTTG 916
11 CATTTCCTTG 1
Db

RESULT 465
AX472101/c
LOCUS AX472101 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 92 from Patent WO02053775.
ACCESSION AX472101
VERSION AX472101.1 GI:22207142
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Hustert,E., Habert,M. and Wojnowski,L.
TITLE Identification of the genetic determinants of the polymorphic
JOURNAL cyp3a5 expression
JOURNAL Patent: WO 02053775-A 92 11-JUL-2002;
JOURNAL EPIDAUROS BIOTECHNOLOGIE AG (DE)
FEATURES
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Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTT 921
11 TCTTTGGTCTT 1
Db

RESULT 466
AX623518/c
LOCUS AX623518 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 559 from Patent WO02053774.
ACCESSION AX623518
VERSION AX623518.1 GI:28451459
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 559 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1..11
Location/Qualifiers
1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Query Match 12.9%; Score 9.4; DB 1; Length 11;
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 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTTT 915
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 1 TCATTTCCTTT 11

RESULT 467

AX623679
 LOCUS AX623679 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 720 from Patent WO02053774.
 ACCESSION AX623679
 VERSION AX623679.1 GI:28451620

KEYWORDS Homo sapiens (human)

ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Petersohn, D., Conradt, M. and Hofmann, K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 720 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES

Location/Qualifiers
 1. .11
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 901 CTGGTCATTTT 911
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 1 CTGGGCATTTT 11

RESULT 468

AX623764
 LOCUS AX623764 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 805 from Patent WO02053774.
 ACCESSION AX623764
 VERSION AX623764.1 GI:28451705

KEYWORDS Homo sapiens (human)

ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Petersohn, D., Conradt, M. and Hofmann, K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 805 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES

Location/Qualifiers
 1. .11
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 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCATTGCTCTT 921
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 1 TCATTGCTCTT 11

RESULT 469

AX624279/c

LOCUS AX624279 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 1320 from Patent WO02053774.
 ACCESSION AX624279
 VERSION AX624279.1 GI:28452220

KEYWORDS Homo sapiens (human)

ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Petersohn, D., Conradt, M. and Hofmann, K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 1320 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES

Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 936 CCTCTTCATTG 946
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 11 CCTCTGCATTG 1

RESULT 470

AX624979
 LOCUS AX624979 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 2020 from Patent WO02053774.
 ACCESSION AX624979
 VERSION AX624979.1 GI:28452920

KEYWORDS Homo sapiens (human)

ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Petersohn, D., Conradt, M. and Hofmann, K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 2020 11-JUL-2002; (DE)

FEATURES

Location/Qualifiers
 1. .11
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 11;
 Best Local Similarity 90.9%; Pred. No. 2.9e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTTATCCC 934
 |||||
 1 CCTGTTATCCC 11

RESULT 471

AX625051/c
 LOCUS AX625051 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 2032 from Patent WO02053774.
 ACCESSION AX625051
 VERSION AX625051.1 GI:28452992

KEYWORDS Homo sapiens (human)

ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

QY	905	TCATTTTCTTT 915	11 bp	DNA	linear	PAT 21-FEB-2003
Db	11	TCATATTCTTT 1				
RESULT 474						
AX626810						
LOCUS						
DEFINITION						
ACCESSION						
VERSION						
KEYWORDS						
SOURCE						
ORGANISM						
REFERENCE						
AUTHORS						
TITLE						
JOURNAL						
FEATURES						
source						
Query Match						
Best Local Similarity						
Matches						
QY	920	TTTGCCCTTTTA 930	11 bp	DNA	linear	PAT 21-FEB-2003
Db	1	TTGCGCTTTTA 11				
RESULT 475						
AX627361/c						
LOCUS						
DEFINITION						
ACCESSION						
VERSION						
KEYWORDS						
SOURCE						
ORGANISM						
REFERENCE						
AUTHORS						
TITLE						
JOURNAL						
FEATURES						
source						
Query Match						
Best Local Similarity						
Matches						
QY	921	TTGCCCTTTTAT 931	11 bp	DNA	linear	PAT 21-FEB-2003
Db	11	TTTCCCTTTTAT 1				
RESULT 476						
AX627577						
LOCUS						
DEFINITION						
ACCESSION						
VERSION						
KEYWORDS						
SOURCE						
ORGANISM						
REFERENCE						
AUTHORS						
TITLE						
JOURNAL						
FEATURES						
source						
Query Match						
Best Local Similarity						
Matches						

JOURNAL	Patent: WO 02053774-A 5284 11-JUL-2002;					
FEATURES	Henkel Kommanditgesellschaft auf Aktien (DE)					
source	Location/Qualifiers					
	1..11					
	/organism="Homo sapiens"					
	/mol_type="unassigned DNA"					
	/db_xref="taxon:9606"					
Query Match	12.9%; Score 9.4; DB 1; Length 11;					
Best Local Similarity	90.9%; Pred. No. 2.9e+02;					
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;					
QY	932 CCTCTCCTCTTC 942					
Db	1 CCTCTCCTCC 11					
RESULT 479						
AX628516	linear PAT 21-FEB-2003					
LOCUS	AX628516 11 bp DNA					
DEFINITION	Sequence 5557 from Patent WO02053774.					
ACCESSION	AX628516					
VERSION	AX628516.1 GI:28456554					
KEYWORDS						
SOURCE	Homo sapiens (human)					
ORGANISM	Homo sapiens					
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;					
	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.					
REFERENCE	1					
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.					
TITLE	Method for determining homeostasis of the skin					
JOURNAL	Patent: WO 02053774-A 5357 11-JUL-2002;					
	Henkel Kommanditgesellschaft auf Aktien (DE)					
FEATURES	Location/Qualifiers					
source	1..11					
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	/mol_type="unassigned DNA"					
	/db_xref="taxon:9606"					
Query Match	12.9%; Score 9.4; DB 1; Length 11;					
Best Local Similarity	90.9%; Pred. No. 2.9e+02;					
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;					
QY	919 CTTTGCCTTTT 929					
Db	1 CTTTGCCTTTT 11					
RESULT 480						
AX628786/c	linear PAT 21-FEB-2003					
LOCUS	AX628786 11 bp DNA					
DEFINITION	Sequence 5827 from Patent WO02053774.					
ACCESSION	AX628786					
VERSION	AX628786.1 GI:28456824					
KEYWORDS						
SOURCE	Homo sapiens (human)					
ORGANISM	Homo sapiens					
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;					
	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.					
REFERENCE	1					
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.					
TITLE	Method for determining homeostasis of the skin					
JOURNAL	Patent: WO 02053774-A 5827 11-JUL-2002;					
	Henkel Kommanditgesellschaft auf Aktien (DE)					
FEATURES	Location/Qualifiers					
source	1..11					
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	/mol_type="unassigned DNA"					
	/db_xref="taxon:9606"					
Query Match	12.9%; Score 9.4; DB 1; Length 11;					
Best Local Similarity	90.9%; Pred. No. 2.9e+02;					
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;					

QY	920	TTTGCTTTTA	930
Db	11	TTTGTCTTTA	1
RESULT 481			
AX629613			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 6654 from Patent WO02053774.		
ACCESSION	AX629613		
VERSION	AX629613.1	GI:28457651	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 6654 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
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	/db_xref="taxon:9606"		
Query Match	12.9%; Score 9.4; DB 1; Length 11;		
Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	905	TCATTTCCTT	915
Db	1	TCATTTCCTT	11
RESULT 482			
AX629671/c			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 6712 from Patent WO02053774.		
ACCESSION	AX629671		
VERSION	AX629671.1	GI:28457709	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 6712 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
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	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	12.9%; Score 9.4; DB 1; Length 11;		
Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	946	GTTTAAATGTA	956
Db	11	GTTTAAATGTA	1
RESULT 483			
AX630269/c			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 7310 from Patent WO02053774.		
ACCESSION	AX630269		
VERSION	AX630269		
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 8141 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
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	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	12.9%; Score 9.4; DB 1; Length 11;		
Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	905	TCATTTCCTT	915
Db	1	TCATTTCCTT	11
RESULT 484			
AX630939			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 7980 from Patent WO02053774.		
ACCESSION	AX630939		
VERSION	AX630939.1	GI:28458981	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 7980 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	12.9%; Score 9.4; DB 1; Length 11;		
Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	917	GTCTTTCCTT	927
Db	11	GTCTTTCCTT	1
RESULT 485			
AX631100			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 8141 from Patent WO02053774.		
ACCESSION	AX631100		
VERSION	AX631100.1	GI:28459144	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 8141 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
	/organism="Homo sapiens"		

QY	920	TTTGCTTTTA	930
Db	11	TTTGTCTTTA	1
RESULT 481			
AX629613			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 6654 from Patent WO02053774.		
ACCESSION	AX629613		
VERSION	AX629613.1	GI:28457651	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 6654 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
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	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	12.9%; Score 9.4; DB 1; Length 11;		
Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	905	TCATTTCCTT	915
Db	1	TCATTTCCTT	11
RESULT 482			
AX629671/c			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 6712 from Patent WO02053774.		
ACCESSION	AX629671		
VERSION	AX629671.1	GI:28457709	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 6712 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
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Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	946	GTTTTAAATGTA	956
Db	11	GGTTTATTGTA	1
RESULT 483			
AX630269/c			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 7310 from Patent WO02053774.		
ACCESSION	AX630269		
VERSION	AX630269		
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 8141 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	12.9%; Score 9.4; DB 1; Length 11;		
Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	905	TCATTTCCTT	915
Db	1	TCATTTCCTT	11
RESULT 484			
AX630939			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 7980 from Patent WO02053774.		
ACCESSION	AX630939		
VERSION	AX630939.1	GI:28458981	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 7980 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
	/organism="Homo sapiens"		
	/mol_type="unassigned DNA"		
	/db_xref="taxon:9606"		
Query Match	12.9%; Score 9.4; DB 1; Length 11;		
Best Local Similarity	90.9%; Pred. No. 2.9e+02;		
Matches	10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
QY	917	GTCTTTCCTT	927
Db	11	GTCTTTCCTT	1
RESULT 485			
AX631100			
LOCUS	11 bp	DNA	PAT 21-FEB-2003
DEFINITION	Sequence 8141 from Patent WO02053774.		
ACCESSION	AX631100		
VERSION	AX631100.1	GI:28459144	
KEYWORDS	Homo sapiens (human)		
SOURCE	Homo sapiens		
ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.		
REFERENCE	1		
AUTHORS	Petersohn,D., Conradt,M. and Hofmann,K.		
TITLE	Method for determining homeostasis of the skin		
JOURNAL	Patent: WO 02053774-A 8141 11-JUL-2002;		
	Henkel Kommanditgesellschaft auf Aktien (DE)		
FEATURES	Location/Qualifiers		
source	1..11		
	/organism="Homo sapiens"		

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FEATURES
  source
    Location/Qualifiers
      1. .11
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 12.9%; Score 9.4; DB 1; Length 11;
  Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 901 CTGGTCATTTT 911
    ||||| |||||
Db 1 CTGGTCATTTT 11

RESULT 486
AX631185
LOCUS AX631185 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8227 from Patent WO02053774.
ACCESSION AX631185
VERSION AX631185.1 GI:28459229
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 8227 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
  source
    Location/Qualifiers
      1. .11
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 12.9%; Score 9.4; DB 1; Length 11;
  Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGCTCTT 921
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Db 1 TCTTTGCTCTT 11

RESULT 487
AX631700/c
LOCUS AX631700 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8742 from Patent WO02053774.
ACCESSION AX631700
VERSION AX631700.1 GI:28459807
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 8742 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
  source
    Location/Qualifiers
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        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 12.9%; Score 9.4; DB 1; Length 11;
  Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 936 CCTTTCATTTG 946
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Db 11 CCTGTGCATTTG 1
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RESULT 488
AX632400
LOCUS AX632400 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9442 from Patent WO02053774.
ACCESSION AX632400
VERSION AX632400.1 GI:28468015
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9442 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
  source
    Location/Qualifiers
      1. .11
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 12.9%; Score 9.4; DB 1; Length 11;
  Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 924 CCTTTATCCC 934
    ||||| |||||
Db 1 CCTGTATCCC 11

RESULT 489
AX632472/c
LOCUS AX632472 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9514 from Patent WO02053774.
ACCESSION AX632472
VERSION AX632472.1 GI:28468087
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
  1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9514 11-JUL-2002;
  Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
  source
    Location/Qualifiers
      1. .11
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match
  Best Local Similarity 12.9%; Score 9.4; DB 1; Length 11;
  Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTTGGT 918
    ||||| |||||
Db 11 TTTTCTTTTGGT 11

RESULT 490
BD124228
LOCUS BD124228 11 bp DNA linear PAT 18-SEP-2002
DEFINITION Compositions and method for healing wound.
ACCESSION BD124228
VERSION BD124228.1 GI:23219173
KEYWORDS JP 2002503460-A/59.

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SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS 1 (bases 1 to 11)
TITLE Katz, E.H.
JOURNAL Compositions and method for healing wound
COMMENT Patent: JP 2002503460-A 59 05-FEB-2002;
THE WISTAR INSTITUTE
OS Mus musculus (mouse)
PN JP 2002503460-A/59
PD 05-FEB-2002
PF 12-FEB-1999 JP 2000531545
PR 13-FEB-1998 US 60/074737,26-AUG-1998 US 60/097937 PR
28-SEP-1998 US 60/102051
PI ELLEN HEBER KATZ
PC C12N15/09,A01K67/027,C12N5/10,C12Q1/68,G01N33/50,C12N15/00, PC
C12N5/00
CC Compositions and method for healing wound
FH Key Location/Qualifiers
FT source 1..11
FT /organism='Mus musculus (mouse)'.
FEATURES
source
1..11
Location/Qualifiers
/organism='Mus musculus'
/mol_type='genomic DNA'
/db_xref='taxon:10090'
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 924 CCTTTATCCC 934
|||||
Db 1 CCTTTATCCC 11
RESULT 491
LOCUS BD124448 11 bp DNA linear PAT 18-SEP-2002
DEFINITION Compositions and method for healing wound.
ACCESSION BD124448
VERSION BD124448.1 GI:23219393
KEYWORDS JP 2002503460-A/279.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS 1 (bases 1 to 11)
TITLE Katz, E.H.
JOURNAL Compositions and method for healing wound
COMMENT Patent: JP 2002503460-A 279 05-FEB-2002;
THE WISTAR INSTITUTE
OS Mus musculus (mouse)
PN JP 2002503460-A/279
PD 05-FEB-2002
PF 12-FEB-1999 JP 2000531545
PR 13-FEB-1998 US 60/074737,26-AUG-1998 US 60/097937 PR
28-SEP-1998 US 60/102051
PI ELLEN HEBER KATZ
PC C12N15/09,A01K67/027,C12N5/10,C12Q1/68,G01N33/50,C12N15/00, PC
C12N5/00
CC Compositions and method for healing wound
FH Key Location/Qualifiers
FT source 1..11
FT /organism='Mus musculus (mouse)'.
FEATURES
source
1..11
Location/Qualifiers
/organism='Mus musculus'
/mol_type='genomic DNA'
/db_xref='taxon:10090'
Query Match 12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 924 CCTTTATCCC 934
|||||
Db 1 CCTTTATCCC 11
RESULT 491
LOCUS BD124448 11 bp DNA linear PAT 18-SEP-2002
DEFINITION Compositions and method for healing wound.
ACCESSION BD124448
VERSION BD124448.1 GI:23219393
KEYWORDS JP 2002503460-A/279.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS 1 (bases 1 to 11)
TITLE Katz, E.H.
JOURNAL Compositions and method for healing wound
COMMENT Patent: JP 2002503460-A 279 05-FEB-2002;
THE WISTAR INSTITUTE
OS Mus musculus (mouse)
PN JP 2002503460-A/279
PD 05-FEB-2002
PF 12-FEB-1999 JP 2000531545
PR 13-FEB-1998 US 60/074737,26-AUG-1998 US 60/097937 PR
28-SEP-1998 US 60/102051
PI ELLEN HEBER KATZ
PC C12N15/09,A01K67/027,C12N5/10,C12Q1/68,G01N33/50,C12N15/00, PC
C12N5/00
CC Compositions and method for healing wound
FH Key Location/Qualifiers
FT source 1..11
FT /organism='Mus musculus (mouse)'.
FEATURES
source
1..11
Location/Qualifiers
/organism='Mus musculus'
/mol_type='genomic DNA'
/db_xref='taxon:10090'

Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 924 CCTTTATCCC 934
|||||
Db 1 CCTTTATCCC 11
RESULT 492
LOCUS A15123 12 bp DNA linear PAT 19-APR-1994
DEFINITION Nucleotide sequence 4 from patent number FR2595374.
ACCESSION A15123
VERSION A15123.1 GI:512111
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 12)
AUTHORS
JOURNAL Patent: FR 2595374-A 4 11-SEP-1987;
FEATURES Location/Qualifiers
source 1..12
/organism='unidentified'
/mol_type='unassigned DNA'
/db_xref='taxon:32644'
Query Match 12.9%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 930 ATCCCTCCTCT 940
|||||
Db 2 ATCCCGCCTCT 12
RESULT 493
LOCUS AR029820 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 9 from patent US 5861244.
ACCESSION AR029820
VERSION AR029820.1 GI:5943034
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 9 19-JAN-1999;
FEATURES Location/Qualifiers
source 1..12
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 12.9%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 931 TCCCTCCTCTT 941
|||||
Db 12 TTCTCTCTCTT 2
RESULT 494
LOCUS AR030027 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 216 from patent US 5861244.
ACCESSION AR030027
VERSION AR030027.1 GI:5943241
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

Unclassified.
 REFERENCE 1 (bases 1 to 12)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 216 19-JAN-1999;
 FEATURES Location/Qualifiers
 source 1..12
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 12;
 Best Local Similarity 90.9%; Pred. No. 3.1e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTTT 915
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 Db 2 TCCTTTCTTT 12

RESULT 495

LOCUS A91504 13 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 31 from Patent WO9824928.
 A91504
 ACCESSION A91504
 VERSION A91504.1 GI:6740459
 KEYWORDS unclassified
 SOURCE unclassified
 ORGANISM unclassified

REFERENCE 1 (bases 1 to 13)
 AUTHORS Pallisgaard,N. and Hokland,P.
 TITLE DETECTION OF CHROMOSOMAL ABNORMALITIES
 JOURNAL Patent: WO 9824928-A 31 11-JUN-1998;
 PALLISGAARD NIELS (DK); HOKLAND PETER (DK)

FEATURES Location/Qualifiers
 source 1..13
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.9%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 3.2e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 TTGGTCTTTG 923
 |||||
 Db 1 TTGGTCTCTG 11

RESULT 496

E32294 13 bp DNA linear PAT 18-JUN-2001
 LOCUS E32294
 DEFINITION Species-specific detection method for trichosporon and novel polynucleotide.
 E32294
 ACCESSION E32294
 VERSION E32294.1 GI:13022088
 KEYWORDS JP 2000060564-A/62
 SOURCE Trichosporon aquatile
 ORGANISM Trichosporon aquatile

REFERENCE 1 (bases 1 to 13)
 AUTHORS Takashi,S., Akemi,N. and Takato,S.
 TITLE Species-specific detection method for trichosporon and novel polynucleotide
 JOURNAL Patent: JP 2000060564-A 62 29-FEB-2000;
 IATRON LAB INC

COMMENT OS Trichosporon aquatile
 PN JP 2000060564-A/62
 PD 29-FEB-2000
 PF 24-AUG-1998 JP 1998237060
 PR

PI TAKASHI SUGITA, AKEMI NISHIKAWA, TAKAKO SHINODA PC
 C12N15/09,C12Q1/04,C12Q1/68//C12N15/09,C12R1:64B,C12N15/00, PC
 (C12N15/00,C12R1:64B)

CC
 FT Key Location/Qualifiers
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 /organism="Trichosporon aquatile".
 FT Location/Qualifiers
 1..13

FEATURES
 source
 /organism="Trichosporon aquatile"
 /mol_type="genomic DNA"
 /db_xref="taxon:82512"

Query Match 12.9%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 3.2e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 942 CATTGGTTAA 952
 |||||
 Db 1 CATTGGCTTA 11

RESULT 497

LOCUS AR407995 13 bp RNA linear PAT 18-DEC-2003
 DEFINITION Sequence 88 from patent US 6632057.
 AR407995
 ACCESSION AR407995
 VERSION AR407995.1 GI:40157982
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 13)
 AUTHORS Fauchet,C.R.J.
 TITLE Fixing unit with an end imprint in a threaded terminal portion
 JOURNAL Patent: US 6632057-A 88 14-OCT-2003;
 FEATURES Location/Qualifiers
 source 1..13
 /organism="unknown"
 /mol_type="unassigned RNA"

Query Match 12.9%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 3.2e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGCTCTTTC 924
 |||||
 Db 2 TTGCTCTTTC 12

RESULT 498

LOCUS BD023286 13 bp DNA linear PAT 27-AUG-2002
 DEFINITION Method for detecting abnormality in chromosome.
 BD023286
 ACCESSION BD023286
 VERSION BD023286.1 GI:22564509
 KEYWORDS JP 2001505428-A/31.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 13)
 AUTHORS Parigard,N. and Hukurando,P.
 TITLE Method for detecting abnormality in chromosome
 JOURNAL Patent: JP 2001505428-A 31 24-APR-2001;
 NEILLS PARISGAARD
 COMMENT PN JP 2001505428-A/31
 PD 24-APR-2001
 PF 08-DEC-1997 JP 1998525090
 PI NEILLS PARISGAARD, PATER HOKURANDO
 PC C12N15/09,C12Q1/68,G01N33/50,C12N15/00
 CC Strandedness: Single;
 CC Topology: Linear;

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CC /desc = 'DNA (synthetic)',
FH Key Location/Qualifiers.
FEATURES
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"
Query Match      12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 3.2e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 913 TTTCCTTGTC 923
Db 1 TTTCCTTGTC 11
RESULT 499
A88510
LOCUS      14 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 658 from Patent WO9833904.
ACCESSION A88510
VERSION A88510.1 GI:6737080
KEYWORDS
SOURCE      unidentified
            unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Brysch,W.D. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 658 06-AUG-1998;
          BIOGHOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES
    source
        1..14
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 905 TCATTTCTTT 915
Db 2 TCAATTTCTTT 12
RESULT 500
A89574
LOCUS      14 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 1722 from Patent WO9833904.
ACCESSION A89574
VERSION A89574.1 GI:6738144
KEYWORDS
SOURCE      unidentified
            unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 1722 06-AUG-1998;
          BIOGHOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES
    source
        1..14
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 909 TTTCTTGTC 919
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Db 4 TTTCCTTGTC 14
RESULT 501
A90477
LOCUS      14 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 658 from Patent EP0856579.
ACCESSION A90477
VERSION A90477.1 GI:6738991
KEYWORDS
SOURCE      unidentified
            unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 658 05-AUG-1998;
          BIOGHOSTIK GES (DE)
FEATURES
    source
        1..14
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 905 TCATTTCTTT 915
Db 2 TCAATTTCTTT 12
RESULT 502
AR029909
LOCUS      14 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 98 from patent US 5861244.
ACCESSION AR029909
VERSION AR029909.1 GI:5943123
KEYWORDS
SOURCE      Unknown.
            Unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 98 19-JAN-1999;
          Location/Qualifiers
FEATURES
    source
        1..14
            /organism="unknown"
            /mol_type="unassigned DNA"
Query Match      12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 931 TCCCTCTCTTT 941
Db 2 TCCCTCTCTTT 12
RESULT 503
AR119021
LOCUS      14 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 147 from patent US 6150092.
ACCESSION AR119021
VERSION AR119021.1 GI:14100931
KEYWORDS
SOURCE      Unknown.
            Unclassified.
REFERENCE 1 (bases 1 to 14)
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AUTHORS Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
TITLE Antisense nucleic acid compound targeted to VEGF
JOURNAL Patent: US 6150092-A 147 21-NOV-2000;
FEATURES Location/Qualifiers
source 1..14
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTCGTCATT 909
|||||
Db 3 CCTCGTCATT 13

RESULT 504
BD235096 14 bp DNA linear PAT 17-JUL-2003
LOCUS A method for stimulating the immune system.
DEFINITION BD235096
ACCESSION BD235096.1 GI:33044866
VERSION JP 2002517434-A/200.
KEYWORDS Homo sapiens (human)
SOURCE ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H., Schlingensiepen,R. and Brysch,W.
TITLE A method for stimulating the immune system
JOURNAL Patent: JP 2002517434-A 200 18-JUN-2002;
COMMENT BIOGOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
OS Homo sapiens (human)
PN JP 2002517434-A/200
PD 18-JUN-2002
PF 10-JUN-1999 JP 2000553044
PR 10-JUN-1998 EP 98110709 7,25-JUL-1998 EP 98113974.4 PI
KARL HERMANN SCHLINGENSIEPEN,REIMAR SCHLINGENSIEPEN,WOLFGANG PI
BRYSCH
PC A61K45/06,A61K31/7088,A61K38/00,A61K39/395,A61K39/395,A61P31/
PC 00,A61P35/00,
PC A61P35/02,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC A
method for stimulating the immune system
FH Key Location/Qualifiers
FT source 1..14
FT /organism="Homo sapiens (human)".

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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCTCTCTCTTC 942
|||||
Db 3 CCTCTCTCTTC 13

RESULT 505
AX009167 14 bp DNA linear PAT 06-SEP-2000
LOCUS Sequence 200 from Patent WO9963975.
DEFINITION AX009167
ACCESSION AX009167
VERSION AX009167.1 GI:9996541
KEYWORDS Homo sapiens (human)
SOURCE ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Brysch,W., Schlingensiepen,K.H. and Schlingensiepen,R.
TITLE A method for stimulating the immune system
JOURNAL Patent: WO 9963975-A 200 16-DEC-1999;
BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)

FEATURES source
1..14
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCTCTCTCTTC 942
|||||
Db 3 CCTCTCTCTTC 13

RESULT 506
BD066023 14 bp DNA linear PAT 27-AUG-2002
LOCUS An antisense oligonucleotide preparation method.
DEFINITION BD066023
ACCESSION BD066023
VERSION BD066023.1 GI:22611626
KEYWORDS JP 2001511000-A/658.
SOURCE unidentified
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 14)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 658 07-AUG-2001;
COMMENT BIOGOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN JP 2001511000-A/658
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key
Location/Qualifiers
FT source 1..14
FT /organism="Unknown".

FEATURES source
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTTT 915
|||||
Db 2 TCATTTCCTTT 12

RESULT 507
BD067087 14 bp DNA linear PAT 27-AUG-2002
LOCUS An antisense oligonucleotide preparation method.
DEFINITION BD067087
ACCESSION BD067087
VERSION BD067087.1 GI:22612690
KEYWORDS JP 2001511000-A/1722.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 14)

AUTHORS Schlingensiefen,K.H. and Brysch,W.
 TITLE An antisense oligonucleotide preparation method
 JOURNAL Patent: JP 2001511000-A 1722 07-AUG-2001;
 COMMENT BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
 OS Unknown
 PN JP 2001511000-A/1722
 PD 07-AUG-2001
 PF 30-JAN-1998 JP 1998532533
 PR 31-JAN-1997 EP 97101531.8
 PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
 PC C12N15/11,C07H21/04,A61K31/70
 CC An antisense oligonucleotide preparation method FH Key
 CC Location/Qualifiers

FT source 1..14 /organism='Unknown'.
 FT Location/Qualifiers

1..14 /organism='unidentified'
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 /db_xref='taxon:32644'

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTC 919
 |||||
 Db 4 TTTCTTTGGTC 14

RESULT 508
 BD071083/c
 LOCUS 14 bp DNA linear PAT 27-AUG-2002
 DEFINITION Modulation of mammalian telomerase by peptide nucleic acids.
 ACCESSION BD071083
 VERSION BD071083.1 GI:22616686
 KEYWORDS JP 2001517929-A/49.
 SOURCE unidentified
 ORGANISM unclassified

REFERENCE 1 (bases 1 to 14)
 AUTHORS Shay,J.W., Wright,W.E., Piatyszek,M.A., Corey,D. and Norton,J.C.
 TITLE Modulation of mammalian telomerase by peptide nucleic acids
 JOURNAL Patent: JP 2001517929-A 49 09-OCT-2001;
 COMMENT GERON CORP

OS Unidentified
 PN JP 2001517929-A/49
 PD 09-OCT-2001
 PF 09-APR-1997 JP 1997536487
 PR 09-APR-1996 US 08/630019
 PI JERRY W SHAY,WOODRING E WRIGHT,MIECZYSLAW A PIATYSZEK,DAVID
 PI COREY,
 PI JAMES C NORTON
 PC C07K14/00,A61K38/16,C12Q1/68
 CC Strandedness: Single;
 CC Topology: Linear;
 CC /desc = 'peptide nucleic acid (PNA), where (deoxy(ribose- CC
 phosphate
 CC linkages are replaced by N-(2-aminoethyl)glycine units linked
 to
 CC nucleotide bases via glycine amino N through a CC
 methylenecarbonyl linker'

FT Key Location/Qualifiers
 FT source 1..14 /organism='unidentified'
 FT Location/Qualifiers

1..14 /organism='unidentified'
 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 910 TTTCTTTGGTCT 920
 |||||
 Db 12 TTTCTTTGGTCT 2

RESULT 509
 BD135833
 LOCUS 14 bp DNA linear PAT 18-SEP-2002
 DEFINITION Selective regulation of adenovirus production.
 ACCESSION BD135833
 VERSION BD135833.1 GI:23230778
 KEYWORDS JP 2002506355-A/4.
 SOURCE unidentified adenovirus
 ORGANISM unclassified adenovirus

REFERENCE 1 (bases 1 to 14)
 AUTHORS Hearing,P., Schmid,S.I., Ostapchuk,P.H. and Erturk,E.
 TITLE Selective regulation of adenovirus production
 JOURNAL Patent: JP 2002506355-A 4 26-FEB-2002;
 COMMENT THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK
 OS Adenovirus
 PN JP 2002506355-A/4
 PD 26-FEB-2002
 PF 15-APR-1999 JP 1999552110
 PR 15-APR-1998 US 60/081867,05-JUN-1998 US 60/088321 PI
 PATRICK HEARING,SUSANNE I SCHMID,PHILONIENA H OSTAPCHUK,ECE PI
 ERTURK

PC C12N15/86
 CC AII
 CC All
 FT Key Location/Qualifiers
 FT source 1..14 /organism='Adenovirus'.
 FT Location/Qualifiers

1..14 /organism='unidentified adenovirus'
 /mol_type='genomic DNA'
 /db_xref='taxon:10535'

Query Match 12.9%; Score 9.4; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.4e+02;
 Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGGTCATTTTC 912
 |||||
 Db 3 TGGTCATTTTC 13

RESULT 510
 A40581
 LOCUS 14 bp DNA linear PAT 05-MAR-1997
 DEFINITION Sequence 118 from Patent WO9425578.
 ACCESSION A40581
 VERSION A40581.1 GI:2296616
 KEYWORDS unidentified
 SOURCE unclassified

ORGANISM unclassified
 REFERENCE 1 (bases 1 to 14)
 AUTHORS
 TITLE ANTISENSE-OLIGONUCLEOTIDES FOR THE TREATMENT OF IMMUNOSUPPRESSIVE
 JOURNAL EFFECTS OF TRANSFORMING GROWTH FACTOR--g(b) (TGF--g(b))
 PATENT: WO 9425578-A 118 10-NOV-1994;
 BIOGNOSTIK GES (DE)

FT source 1..14 /organism='unidentified'
 /mol_type='unassigned DNA'
 /db_xref='taxon:32644'

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958
 Db 1 TGGTTTCGIGTATC 14

RESULT 511
 A59502/c
 LOCUS A59502 14 bp DNA linear PAT 06-MAR-1998
 DEFINITION Sequence 52 from Patent WO9705234.
 ACCESSION A59502
 VERSION A59502.1 GI:3714814
 KEYWORDS
 ORGANISM
 SOURCE
 REFERENCE 1
 AUTHORS Chamberlain,S., Pook,M.A., Doudney,C., William,E., Hillermann,R.,
 Garcia-Valdecasas,J.J. and C.
 TITLE GENE FOR FRIEDREICH'S ATAXIA
 JOURNAL Patent: WO 9705234-A 52 13-FEB-1997;
 IMPERIAL COLLEGE (GB)
 FEATURES
 source 1..14
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 937 CTCTTATTCGTTT 950
 Db 14 CTCTTTATAGTTT 1

RESULT 512
 A89105
 LOCUS A89105 14 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 1253 from Patent WO9833904.
 ACCESSION A89105
 VERSION A89105.1 GI:6737675
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Brysch,W. and Schlingensiepen,K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 1253 06-AUG-1998;
 BIOGNOSITIK GES (DE); BRYSCH WOLFGANG (DE)
 FEATURES
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Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958
 Db 1 TGGTTTCGIGTATC 14

RESULT 513
 A89105
 LOCUS A89105 14 bp DNA linear PAT 22-JAN-2000
 DEFINITION Sequence 1253 from Patent WO9833904.
 ACCESSION A89105
 VERSION A89105.1 GI:6737675
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Brysch,W. and Schlingensiepen,K.
 TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
 JOURNAL Patent: WO 9833904-A 1253 06-AUG-1998;
 BIOGNOSITIK GES (DE); BRYSCH WOLFGANG (DE)
 FEATURES
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

VERSION AR029889.1 GI:5943103
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 78 19-JAN-1999;
 FEATURES
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTT 921
 Db 1 TTTTCTTTTCCCTT 14

RESULT 514
 AR029908/c
 LOCUS AR029908 14 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 97 from patent US 5861244.
 ACCESSION AR029908
 VERSION AR029908.1 GI:5943122
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 97 19-JAN-1999;
 FEATURES
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 926 TTTTATCCCTCCTC 939
 Db 14 TTTTTCCTCCCTC 1

RESULT 515
 AR030129
 LOCUS AR030129 14 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 318 from patent US 5861244.
 ACCESSION AR030129
 VERSION AR030129.1 GI:5943343
 KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE 1 (bases 1 to 14)
 AUTHORS Wang,C.-G. and Hepburn,A.G.
 TITLE Genetic sequence assay using DNA triple strand formation
 JOURNAL Patent: US 5861244-A 318 19-JAN-1999;
 FEATURES
 source 1..14
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
 Best Local Similarity 78.6%; Pred. No. 3.7e+02;
 Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 931 TCCTCTCTCTCAT 944
Db 1 TCCTCTCTCTCTT 14

RESULT 516
LOCUS ARI76028 14 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 2 from patent US 6310048.
ACCESSION ARI76028
VERSION ARI76028.1 GI:17917327
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Kumar,V.B.
TITLE Antisense modulation of amyloid beta protein expression
JOURNAL Patent: US 6310048-A 2 30-OCT-2001;
FEATURES
source
Location/Qualifiers
1..14
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.8%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 930 ATCCCTCCTCTTCA 943
Db 1 AACCCACATCTTCA 14

RESULT 517
LOCUS E15991/c 14 bp DNA linear PAT 28-JUL-1999
DEFINITION Oligonucleotide which modulates expression,production or reception
of hepatocyte growth factor or expression of c-Met.
ACCESSION E15991
VERSION E15991.1 GI:5710674
KEYWORDS JP 1998127286-A/16.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 14)
AUTHORS Ishikawa,T., Shigematsu,T. and Yamamoto,A.
TITLE OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
JOURNAL Patent: JP 1998127286-A 16 19-MAY-1998;
COMMENT OS None
OC Artificial sequences.
PN JP 1998127286-A/16
PD 19-MAY-1998
PF 01-NOV-1996 JP 1996291499
PI ISHIKAWA TETSUYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC
C12N15/09,A61K31/70,A61K31/70,C07H21/04;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key Location/Qualifiers
FT source
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Location/Qualifiers
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Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 TTTTATCCCTCCTC 939
Db 1 TTCTTCCCTCCTC 14

RESULT 519
LOCUS AR232861 14 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 118 from patent US 6455689.
ACCESSION AR232861
VERSION AR232861.1 GI:27275199
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Schlingensiepen,G.-F., Brysch,W., Schlingensiepen,K.-H.,
Schlingensiepen,R. and Bogdahn,U.
TITLE Antisense-oligonucleotides for transforming growth factor-.beta.
JOURNAL Patent: US 6455689-A 118 24-SEP-2002;
FEATURES
source
Location/Qualifiers
1..14
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;
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Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958
Db 1 TGGGTCGTGATC 14

RESULT 520

AR235515/c 14 bp DNA linear PAT 20-DEC-2002
LOCUS AR235515 Sequence 14 from patent US 6461810.

DEFINITION AR235515
ACCESSION AR235515
VERSION AR235515.1 GI:27278736

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

Location/Qualifiers

1..14

/organism="unknown"

/mol_type="genomic DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 921 TTGCGCTTTATCCC 934

Db 14 TTTCCTTTTCTACC 1

RESULT 521

AR235549/c 14 bp DNA linear PAT 20-DEC-2002
LOCUS AR235549 Sequence 48 from patent US 6461810.

DEFINITION AR235549

ACCESSION AR235549

VERSION AR235549.1 GI:27278770

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

Location/Qualifiers

1..14

/organism="unknown"

/mol_type="genomic DNA"

Query Match 12.6%; Score 9.2; DB 1; Length 14;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 920 TTTCGCTTTATCCC 933

Db 14 TTTCCTTTTCTACC 1

RESULT 522

AX030156 14 bp DNA linear PAT 16-SEP-2000
LOCUS AX030156 Sequence 118 from Patent EP1008649.

DEFINITION AX030156

ACCESSION AX030156

VERSION AX030156.1 GI:10190373

KEYWORDS

SOURCE

ORGANISM

REFERENCE
AUTHORS

Bogdahn,U., Brysch,W., Schlingensiepen,G.F., Schlingensiepen,K.H.

and Schlingensiepen,R.

Actisense-Oligonucleotides for the treatment of immuno-suppressive

effects of transforming growth factor-b2(tgf-b2)

Patent: EP 1008649-A 118 14-JUN-2000;

BIOGNOSTIK GES (DE)

FEATURES

Location/Qualifiers

1..14

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 12.6%; Score 9.2; DB 1; Length 14;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958

Db 1 TGGGTCGTGATC 14

RESULT 523

AX316477 14 bp DNA linear PAT 14-DEC-2001

LOCUS AX316477 Sequence 118 from Patent EP1160319.

DEFINITION AX316477

ACCESSION AX316477

VERSION AX316477.1 GI:17899650

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

Schlingensiepen,R. and Bogdahn,U.

Actisense-Oligonucleotides for the treatment of immunosuppressive

effects of transforming growth factor-beta (tgf-beta)

Patent: EP 1160319-A 118 05-DEC-2001;

BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK mbH (DE)

FEATURES

Location/Qualifiers

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/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

/note="Description of unknown: unknown"

Query Match 12.6%; Score 9.2; DB 1; Length 14;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 945 TGGTTTAATGATC 958

Db 1 TGGGTCGTGATC 14

RESULT 524

BD066618 14 bp DNA linear PAT 27-AUG-2002

LOCUS BD066618 An antisense oligonucleotide preparation method.

DEFINITION BD066618

ACCESSION BD066618

VERSION BD066618.1 GI:22612221

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

Schlingensiepen,K.H. and Brysch,W.

An antisense oligonucleotide preparation method

Patent: JP 200151000-A 1253 07-AUG-2001;

BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH

OS Unknown

COMMENT

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PN JP 2001511000-A/1253
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key
FT Location/Qualifiers
FT 1..14
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FEATURES
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   /mol_type="genomic DNA"
   /db_xref="taxon:32644"

Query Match
Best Local Similarity 12.6%; Score 9.2; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 TGGTTTAATGATGC 958
Db 1 TGGTTTCGTGATGC 14

RESULT 525
LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone
DEFINITION 14 bp DNA linear PLN 29-MAR-2003
VERSION AJ525954.1 GI:26794214
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliopsida; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
AUTHORS Bruaud,V., Balzergue,S., Dubreucq,B., Aubourg,S., Samson,F.,
Chauvin,S., Bechtold,N., Cruaud,C., Deroose,R., Pelletier,G.,
Lepiniec,L., Caboche,M. and Lecharny,A.
TITLE T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE 22363535
PubMed 12446565
REFERENCE Balzergue,S.
AUTHORS Direct Submission
TITLE Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Crenieux, 91057 Evry cedex, FRANCE
COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).

FEATURES
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   /mol_type="genomic DNA"
   /cultivar="Massillowskija"
   /db_xref="taxon:3702"
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Query Match 12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTTCCTTGGTCT 920
Db 1 ATTATCTTCGTTT 14

RESULT 526
LOCUS AX263168 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 559 from Patent WO0173002.
ACCESSION AX263168
VERSION AX263168.1 GI:16511967
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 559 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 12.6%; Score 9.2; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
Db 4 TGTAGCGATACAAA 17

RESULT 527
LOCUS AX263169/c 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 560 from Patent WO0173002.
ACCESSION AX263169
VERSION AX263169.1 GI:16511969
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 560 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Best Local Similarity 78.6%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAA 966
Db 14 TGTAGCGATACAAA 1

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RESULT 528
AX350491/c
LOCUS AX350491 9 bp DNA linear PAT 06-FEB-2002
DEFINITION Sequence 3 from Patent WO0179561.
ACCESSION AX350491
VERSION AX350491.1 GI:18616093
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Liggett,S.B. and Small,K.M.
AUTHORS Alpha-2 adrenergic receptor polymorphisms
TITLE Patent: WO 0179561-A 3 25-OCT-2001;
JOURNAL Liggett, Stephen B. (US) ; Small, Kersten M. (US)
FEATURES
source
1..9 Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
Query Match 12.3%; Score 9; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.6e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy 934 CTCCTCTTC 942
Db 9 CTCCTCTTC 1

RESULT 529
AX805898/c
LOCUS AX805898 9 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 44 from Patent WO03060163.
ACCESSION AX805898
VERSION AX805898.1 GI:38522809
KEYWORDS synthetic construct
SOURCE artificial sequences.
ORGANISM
REFERENCE
1 van Bijl,M.J. and van Schaik,C.
AUTHORS Discrimination and detection of target nucleotide sequences using
TITLE mass spectrometry
JOURNAL Patent: WO 03060163-A 44 24-JUL-2003;
KEYWORDS Keygene N.V. (NL)
SOURCE Location/Qualifiers
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/db_xref="taxon:32630"
/note="scuffer sequence"
Query Match 12.3%; Score 9; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.6e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy 932 CCTCTCTCT 940
Db 9 CCTCTCTCT 1

RESULT 530
BD239103/c
LOCUS BD239103 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239103
VERSION BD239103.1 GI:33048873
KEYWORDS JP 2002534056-A/521.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (Bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1326 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/521
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR
19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR
19-JUN-1998 US 60/089992,19-JUN-1998 US 60/090072 PR
19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
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19-JUN-1998 US 60/089999,19-JUN-1998 US 60/090043 PR
19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090036 PR
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19-JUN-1998 US 60/089994,19-JUN-1998 US 60/090077 PR
19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090047 PR
19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR
08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS,SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
G01N37/00.
PC C12N15/00,C12N5/00,C12N15/00
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FH Key Location/Qualifiers
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Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

Qy 908 TTTCTTTTG 916
Db 10 TTTCTTTTG 2

RESULT 531
BD239908/c
LOCUS BD239908 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239908
VERSION BD239908.1 GI:33049678
KEYWORDS JP 2002534056-A/1326.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (Bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1326 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1326
PD 15-OCT-2002
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR

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19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR
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19-JUN-1998 US 60/089992,19-JUN-1998 US 60/090072 PR
19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090048 PR
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19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090036 PR
19-JUN-1998 US 60/090044,19-JUN-1998 US 60/089844 PR
19-JUN-1998 US 60/090080,19-JUN-1998 US 60/089833 PR
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08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS, SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
GOIN37/00,
PC C12N15/00,C12N5/00,C12N15/00
CC Preparation and use of superior vaccines
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Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 912 CTTTGCTCT 920
DB 9 CTTTGCTCT 1
RESULT 532
BD240077 10 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240077
VERSION BD240077.1 GI:33049847
KEYWORDS JP 2002534056-A/1495.
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1495 15-OCT-2002;
GENZYME CORP
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/1495
PD 15-OCT-2002
PR 18-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
PR 19-JUN-1998 US 60/090041,19-JUN-1998 US 60/089853 PR
19-JUN-1998 US 60/089997,19-JUN-1998 US 60/090079 PR
19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR
19-JUN-1998 US 60/089992,19-JUN-1998 US 60/090072 PR
19-JUN-1998 US 60/089878,19-JUN-1998 US 60/089991 PR
19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090048 PR
19-JUN-1998 US 60/089999,19-JUN-1998 US 60/090043 PR
19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090036 PR
19-JUN-1998 US 60/090044,19-JUN-1998 US 60/089844 PR
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19-JUN-1998 US 60/090078,19-JUN-1998 US 60/090047 PR
19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090045 PR

08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS, SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
C12N1/19,
GOIN37/00,
PC C12N15/00,C12N5/00,C12N15/00
CC Preparation and use of superior vaccines
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Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 932 CCCTCCTCT 940
DB 2 CCCTCCTCT 10
RESULT 533
AR287774/c 10 bp DNA linear PAT 12-JUN-2003
LOCUS
DEFINITION Sequence 5 from patent US 6534259.
ACCESSION AR287774
VERSION AR287774.1 GI:31674812
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 10)
AUTHORS Wakefield,A.
TITLE Regressive behavioral disorder diagnosis
JOURNAL Patent: US 6534259-A 5 18-MAR-2003;
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Location/Qualifiers
/organism='unknown'
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Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 939 CTTTCATTGG 947
DB 10 CTTTCATTGG 2
RESULT 534
AR303335 10 bp DNA linear PAT 12-JUN-2003
LOCUS
DEFINITION Sequence 60 from patent US 6544736.
ACCESSION AR303335
VERSION AR303335.1 GI:31692111
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 10)
AUTHORS Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and
Wakahiki,M.
TITLE Method for synthesizing cDNA from mRNA sample
JOURNAL Patent: US 6544736-A 60 08-APR-2003;
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Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 917 GTCCTTGCC 925
Db 2 GTCCTTGCC 10

RESULT 535
AR303355/c      10 bp DNA linear PAT 12-JUN-2003
LOCUS
DEFINITION Sequence 80 from patent US 6544736.
ACCESSION AR303355
VERSION AR303355.1 GI:31692131
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and Watahiki,M.
TITLE Method for synthesizing cDNA from mRNA sample
JOURNAL Patent: US 6544736-A 80 08-APR-2003;
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Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCCTTGTC 919
Db 9 TCCTTGTC 1

RESULT 536
AR303418
LOCUS
DEFINITION Sequence 143 from patent US 6544736.
ACCESSION AR303418
VERSION AR303418.1 GI:31692194
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and Watahiki,M.
TITLE Method for synthesizing cDNA from mRNA sample
JOURNAL Patent: US 6544736-A 143 08-APR-2003;
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/organism="unknown"
/mol_type="genomic DNA"

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 911 TCCTTGTC 919
Db 2 TCCTTGTC 10

RESULT 537
AX152729/c
LOCUS
DEFINITION Sequence 644 from Patent WO0138577.
ACCESSION AX152729

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VERSION AX152729.1 GI:14534380
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS Veiculescu,V.E., Vogelstein,B. and Kinzler,K.W.
TITLE Human transcriptomes
JOURNAL Patent: WO 0138577-A 644 31-MAY-2001;
The Johns Hopkins University (US)
FEATURES
source
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Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 912 CTTTGGTCT 920
Db 9 CTTTGGTCT 1

RESULT 538
AX301523/c
LOCUS
DEFINITION Sequence 237 from Patent WO0185941.
ACCESSION AX301523
VERSION AX301523.1 GI:17382606
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Versteeg,R. and Caron,H.N.
TITLE Myc targets
JOURNAL Patent: WO 0185941-A 237 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
FEATURES
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/mol_type="unassigned DNA"
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Query Match      12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 906 CATTTCCTT 914
Db 10 CATTTCCTT 2

RESULT 539
BD081743/c
LOCUS
DEFINITION Cardiac hypertrophy model animal relating to NF-AT3 function and therapeutic method.
ACCESSION BD081743
VERSION BD081743.1 GI:22627346
KEYWORDS JP 2001520170-A/7.
SOURCE Glirulus japonicus (Japanese dormouse)
ORGANISM Glirulus japonicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Myoxidae; Myoxinae; Glirulus.
REFERENCE
AUTHORS Olson,E.N., Grant,S.R. and Molkenin,J.D.
TITLE Cardiac hypertrophy model animal relating to NF-AT3 function and

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JOURNAL
Patent: JP 2001520170-A 7 30-OCT-2001;
BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, UNIVERSITY OF
NORTH TEXAS HEALTH SCIENCE CENTER
COMMENT
OS Glirulus japonicus
PN JP 2001520170-A/7
PD 30-OCT-2001
PF 15-OCT-1998 JP 2000516024
PR 16-OCT-1997 US 60/062864, 10-NOV-1997 US 60/065178 PR
15-APR-1998 US 60/081853, 16-APR-1998 US 09/061417 PI ERIC N
OLSON, STEPHEN R GRANT, JEFFREY D MULKENTIN PC
A61K45/00, A01K67/037, A61K31/711, A61K38/00, A61K39/395, A61K39/ PC
395, A61K48/00,
PC A61K49/00, A61P9/04, C07K14/58, C12N15/09, C12Q1/02, A61K37/02, PC
C12N15/00
CC Cardiac hypertrophy model animal relating to NF-A13 function
and
CC therapeutic method
CC Key Location/Qualifiers
FT Key 1..10
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/organism='Glirulus japonicus'
/mol_type='genomic DNA'
/db_xref='taxon:55147'
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 925 CTTTATCC 933
Db 10 CTTTATCC 2

RESULT 540
BD166487/c
LOCUS
DEFINITION Human liver disease-expressing genes.
ACCESSION BD166487
VERSION BD166487.1 GI:27872299
KEYWORDS JP 2002209591-A/32.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
TITLE Human liver disease-expressing genes
JOURNAL Patent: JP 2002209591-A 32 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Homo sapiens (human)
PN JP 2002209591-A/32
PD 30-JUL-2002
PF 19-JAN-2001 JP 2001012328
PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
YAMASHITA
PC C12N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/02,
PC C12P21/08,
PC C12N15/00
CC Human liver disease-expressing genes
FH Key Location/Qualifiers
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/db_xref='taxon:32644'
Query Match 12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGGTCT 920
Db 9 CTTTGGTCT 1
RESULT 541
A10043/c
LOCUS
DEFINITION Nucleotide sequence 2 from patent number EP0346316.
ACCESSION A10043
VERSION A10043.1 GI:489104
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Gidlund,M., Lake,M., Loewenadler,B. and Wiszell,H.
TITLE Fusion protein and its use
JOURNAL Patent: EP 0346316-A 2 13-DEC-1989;
KabiGen AB
FEATURES
source
1..11
Location/Qualifiers
/organism='unidentified'
/mol_type='unassigned DNA'
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Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 919 CTTTGCCTT 927
Db 10 CTTTGCCTT 2

RESULT 542
A17133
LOCUS
DEFINITION Oligonucleotide adaptor BB986 (SEQ ID NO: 33).
ACCESSION A17133
VERSION A17133.1 GI:512183
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 11)
AUTHORS STEM CELL INHIBITING PROTEINS
TITLE Patent: WO 9313206-A 33 08-JUL-1993;
JOURNAL
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Location/Qualifiers
/organism='synthetic construct'
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Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 925 CTTTATCC 933
Db 2 CTTTATCC 10
RESULT 543
A18073
LOCUS
DEFINITION carboxy terminus of alpha factor seq ID No:12.
ACCESSION A18073
VERSION A18073.1 GI:512252
KEYWORDS
SOURCE synthetic construct
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1..10
Location/Qualifiers
/organism='Homo sapiens (human)'.
FEATURES
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Location/Qualifiers
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

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ORGANISM    synthetic construct
REFERENCE    1 (bases 1 to 11)
AUTHORS
TITLE       PHARMACEUTICALLY ACTIVE PROTEINS COMPRISING AN ACTIVE PROTEIN AND
            AN INTEGRIN AFFINITY SEQUENCE
JOURNAL     Patent: WO 9207874-A 27 14-MAY-1992;
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            /db_xref="taxon:32630"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 2 CTTTATCC 10

RESULT 544
AL9998
LOCUS       AL9998 11 bp DNA linear PAT 14-JUL-1995
DEFINITION SEQ ID NO: 6; Oligonucleotide adaptor.
ACCESSION  AL9998
VERSION     AL9998.1 GI:1246961
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 11)
AUTHORS
TITLE     PROTEINS AND NUCLEIC ACIDS
JOURNAL   Patent: WO 9109125-A 6 27-JUN-1991;
FEATURES  Location/Qualifiers
            source
            1..11
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 2 CTTTATCC 10

RESULT 545
AR027517
LOCUS       AR027517 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 33 from patent US 5856301.
ACCESSION  AR027517
VERSION     AR027517.1 GI:5938337
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Craig, S., Hunter, M. George., Edwards, R. Mark., Czaplowski, L. George.
TITLE      Stem cell inhibiting proteins
JOURNAL    Patent: US 5856301-A 33 05-JAN-1999;
FEATURES   Location/Qualifiers
            source
            1..11
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            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 2 CTTTATCC 10

RESULT 546
AR029971
LOCUS       AR029971 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 160 from patent US 5861244.
ACCESSION  AR029971
VERSION     AR029971.1 GI:5943185
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 134 19-JAN-1999;
FEATURES   Location/Qualifiers
            source
            1..11
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
Db 3 CCTCTCTCT 11

RESULT 547
AR029971
LOCUS       AR029971 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 160 from patent US 5861244.
ACCESSION  AR029971
VERSION     AR029971.1 GI:5943185
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 160 19-JAN-1999;
FEATURES   Location/Qualifiers
            source
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Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
Db 3 CCTCTCTCT 11

RESULT 548
AR030007
LOCUS       AR030007 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 196 from patent US 5861244.
ACCESSION  AR030007
VERSION     AR030007.1 GI:5943221
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.

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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCC 933
Db 2 CTTTATCC 10

RESULT 546
AR029945
LOCUS       AR029945 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 134 from patent US 5861244.
ACCESSION  AR029945
VERSION     AR029945.1 GI:5943159
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 134 19-JAN-1999;
FEATURES   Location/Qualifiers
            source
            1..11
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
Db 3 CCTCTCTCT 11

RESULT 547
AR029971
LOCUS       AR029971 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 160 from patent US 5861244.
ACCESSION  AR029971
VERSION     AR029971.1 GI:5943185
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 160 19-JAN-1999;
FEATURES   Location/Qualifiers
            source
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            /organism="unknown"
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Query Match
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 932 CCTCTCTCT 940
Db 3 CCTCTCTCT 11

RESULT 548
AR030007
LOCUS       AR030007 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 196 from patent US 5861244.
ACCESSION  AR030007
VERSION     AR030007.1 GI:5943221
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.

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REFERENCE 1 (bases 1 to 11)
Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 196 19-JAN-1999;
FEATURES Location/Qualifiers
source
1. .11
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 932 CCTCTCTCT 940
Db 3 CCTCTCTCT 11
RESULT 549
AR045253/c
LOCUS 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 46 from patent US 5817796.
ACCESSION AR045253
VERSION AR045253.1 GI:5966718
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 46 06-OCT-1998;
FEATURES Location/Qualifiers
source
1. .11
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTCCTT 914
Db 9 CATTTCCTT 1
RESULT 550
BD244488/c
LOCUS 11 bp DNA linear PAT 17-JUL-2003
DEFINITION New triplex forming oligonucleotides and their use in anti-HBV.
ACCESSION BD244488
VERSION BD244488.1 GI:33054258
KEYWORDS JP 2002511384-A/6.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 11)
AUTHORS Lu,C.
TITLE New triplex forming oligonucleotides and their use in anti-HBV
JOURNAL Patent: JP 2002511384-A 6 16-APR-2002;
COMMENT SHANGHAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES
PN JP 2002511384-A/6
PD 16-APR-2002
PF 19-OCT-1998 JP 2000516982
PR 21-OCT-1997 CN 97 1 06667.1
PI CHANGDE LU
PC A61K31/711,A61K48/00,A61P31/20,C12N15/09,C12N15/00 CC
Description of Artificial Sequence: Triplex forming CC
oligonucleotide
CC This oligo may or may not be 3'-monophosphorylated FH Key
Location/Qualifiers
1. .11
FT source

FEATURES FT
source
Location/Qualifiers
1. .11
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 932 CCTCTCTCT 940
Db 9 CCTCTCTCT 1
RESULT 551
I13187
LOCUS 11 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 6 from patent US 5434073.
ACCESSION I13187
VERSION I13187.1 GI:910535
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Dawson,K., Hunter,M.G. and Czaplewski,L.G.
TITLE Fibrinolytic and anti-thrombotic cleavable dimers
JOURNAL Patent: US 5434073-A 6 18-JUL-1995;
FEATURES Location/Qualifiers
source
1. .11
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 925 CTTTATCC 933
Db 2 CTTTATCC 10
RESULT 552
I52305/c
LOCUS 11 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 46 from patent US 5646042.
ACCESSION I52305
VERSION I52305.1 GI:2473506
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 46 08-JUL-1997;
FEATURES Location/Qualifiers
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1. .11
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/mol_type="unassigned DNA"
Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 906 CATTTCCTT 914
Db 9 CATTTCCTT 1
RESULT 553

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AR301641      AR301641      11 bp      DNA      linear      PAT 12-JUN-2003
LOCUS          Sequence 222 from patent US 6538173.
DEFINITION
ACCESSION      AR301641
VERSION        AR301641.1  GI:31689443
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unclassified.
               1 (bases 1 to 11)
REFERENCE      Heber-Katz,E.
               Compositions and methods for wound healing
TITLE          Patent: US 6538173-A 222 25-MAR-2003;
JOURNAL
FEATURES      Location/Qualifiers
               source
               1..11
               /organism="unknown"
               /mol_type="genomic DNA"
Query Match   12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  910  TTCTTTGGT 918
Db  1  TTCTTTGGT 9

RESULT 554
AX470760/c
LOCUS          AX470760      11 bp      DNA      linear      PAT 09-AUG-2002
DEFINITION      Sequence 337 from Patent WO2053773.
ACCESSION      AX470760
VERSION        AX470760.1  GI:22205885
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Hofmann,K., Conradt,M. and Petersohn,D.
TITLE          Method for determining skin stress or skin ageing in vitro
JOURNAL        Patent: WO 0203773-A 337 11-JUL-2002;
               HENKEL KGAA (DE)
FEATURES      Location/Qualifiers
               source
               1..11
               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"
Query Match   12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  908  TTTTCTTTG 916
Db  10  TTTTCTTTG 2

RESULT 555
AX471385/c
LOCUS          AX471385      11 bp      DNA      linear      PAT 09-AUG-2002
DEFINITION      Sequence 962 from Patent WO2053773.
ACCESSION      AX471385
VERSION        AX471385.1  GI:22206510
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Hofmann,K., Conradt,M. and Petersohn,D.
TITLE          Method for determining skin stress or skin ageing in vitro
JOURNAL        Patent: WO 0203773-A 962 11-JUL-2002;

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HENKEL KGAA (DE)
FEATURES      Location/Qualifiers
               source
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Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  912  CTTTGGTCT 920
Db  9  CTTTGGTCT 1

RESULT 556
AX624067/c
LOCUS          AX624067      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION      Sequence 1108 from Patent WO02053774.
ACCESSION      AX624067
VERSION        AX624067.1  GI:28452008
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Petersohn,D., Conradt,M. and Hofmann,K.
TITLE          Method for determining homeostasis of the skin
JOURNAL        Patent: WO 02053774-A 1108 11-JUL-2002;
               Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES      Location/Qualifiers
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Query Match   12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  947  GTTTAAATG 955
Db  11  GTTTAAATG 3

RESULT 557
AX624265/c
LOCUS          AX624265      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION      Sequence 1306 from Patent WO02053774.
ACCESSION      AX624265
VERSION        AX624265.1  GI:28452206
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Petersohn,D., Conradt,M. and Hofmann,K.
TITLE          Method for determining homeostasis of the skin
JOURNAL        Patent: WO 02053774-A 1306 11-JUL-2002;
               Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES      Location/Qualifiers
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Query Match   12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy  947  GTTTAAATG 955
Db  11  GTTTAAATG 3

RESULT 557
AX624265/c
LOCUS          AX624265      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION      Sequence 1306 from Patent WO02053774.
ACCESSION      AX624265
VERSION        AX624265.1  GI:28452206
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Petersohn,D., Conradt,M. and Hofmann,K.
TITLE          Method for determining homeostasis of the skin
JOURNAL        Patent: WO 02053774-A 1306 11-JUL-2002;
               Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES      Location/Qualifiers
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Query Match   12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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KEYWORDS	
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE	1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS	Method for determining homeostasis of the skin
TITLE	Patent: WO 02053774-A 2047 11-JUL-2002;
JOURNAL	Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES	Location/Qualifiers
source	1..11
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Query Match	12.3%; Score 9; DB 1; Length 11;
Best Local Similarity	100.0%; Pred.No. 3.3e+02;
Matches	9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	899 CCCTGGTCA 907
Db	
	9 CCCTGGTCA 1
RESULT 561	
AX26309/c	
LOCUS	AX26309 11 bp DNA linear PAT 21-FEB-2003
DEFINITION	Sequence 3350 from Patent WO02053774.
ACCESSION	AX26309
VERSION	AX26309.1 GI:28454347
KEYWORDS	
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE	1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS	Method for determining homeostasis of the skin
TITLE	Patent: WO 02053774-A 3350 11-JUL-2002;
JOURNAL	Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES	Location/Qualifiers
source	1..11
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	/db_xref="taxon:9606"
Query Match	12.3%; Score 9; DB 1; Length 11;
Best Local Similarity	100.0%; Pred.No. 3.3e+02;
Matches	9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	945 TGGTTTAAT 953
Db	
	10 TGGTTTAAT 2
RESULT 562	
AX26723/c	
LOCUS	AX26723 11 bp DNA linear PAT 21-FEB-2003
DEFINITION	Sequence 3764 from Patent WO02053774.
ACCESSION	AX26723
VERSION	AX26723.1 GI:28454761
KEYWORDS	
SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE	1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS	Method for determining homeostasis of the skin
TITLE	Patent: WO 02053774-A 3764 11-JUL-2002;
JOURNAL	Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES	Location/Qualifiers

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Query Match
Best Local Similarity 12.3%; Score 9; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGGTCT 920
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Db 9 CTTTGGTCT 1

RESULT 563
AX628126/c
LOCUS AX628126 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 5167 from Patent WO02053774.
ACCESSION AX628126
VERSION AX628126.1 GI:28456164
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 5167 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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/db_xref="taxon:9606"

Query Match
Best Local Similarity 12.3%; Score 9; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTG 916
|||||
Db 10 TTTTCTTTG 2

RESULT 564
AX629268/c
LOCUS AX629268 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6309 from Patent WO02053774.
ACCESSION AX629268
VERSION AX629268.1 GI:28457306
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 6309 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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Query Match
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||

source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCTCTTT 941
|||||
Db 9 CCTCTCTTT 1

RESULT 567
AX632070/c
LOCUS AX632070 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9112 from Patent WO02053774.
ACCESSION AX632070
VERSION AX632070.1 GI:28467685
KEYWORDS Homo sapiens (human)
SOURCE

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Db 11 TCCTCTTCA 3

RESULT 565
AX631488/c
LOCUS AX631488 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8530 from Patent WO02053774.
ACCESSION AX631488
VERSION AX631488.1 GI:28459554
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 8530 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 12.3%; Score 9; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 947 GTTTAATGT 955
|||||
Db 11 GTTTAATGT 3

RESULT 566
AX631686/c
LOCUS AX631686 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 8728 from Patent WO02053774.
ACCESSION AX631686
VERSION AX631686.1 GI:28459793
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 8728 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 12.3%; Score 9; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCTCTTT 941
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Db 9 CCTCTCTTT 1

RESULT 567
AX632070/c
LOCUS AX632070 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9112 from Patent WO02053774.
ACCESSION AX632070
VERSION AX632070.1 GI:28467685
KEYWORDS Homo sapiens (human)
SOURCE

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9112 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 908 TTTTCTTTG 916
Db 10 TTTTCTTTG 2

RESULT 568
AX632117
LOCUS AX632117 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9159 from Patent WO02053774.
ACCESSION AX632117
VERSION AX632117.1 GI:28467732
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9159 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 912 CTTTGGTCT 920
Db 3 CTTTGGTCT 11

RESULT 569
AX632427/c
LOCUS AX632427 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9469 from Patent WO02053774.
ACCESSION AX632427
VERSION AX632427.1 GI:28468042
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9469 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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/organism="Homo sapiens"

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTTCTTGGT 918
Db 1 TTTCTTGGT 9

RESULT 571
AR101000
LOCUS AR101000 12 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 88 from patent US 6083693.
ACCESSION AR101000
VERSION AR101000.1 GI:12811798
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (Bases 1 to 12)
AUTHORS Nandabalan,K. and Rothberg,J.Marc.
TITLE Identification and comparison of protein-protein interactions that occur in populations
JOURNAL Patent: US 6083693-A 88 04-JUL-2000;
FEATURES
source 1..12
Location/Qualifiers

Query Match 12.3%; Score 9; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 910 TTTCTTGGT 918
Db 1 TTTCTTGGT 9

RESULT 571
AR101000
LOCUS AR101000 12 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 88 from patent US 6083693.
ACCESSION AR101000
VERSION AR101000.1 GI:12811798
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (Bases 1 to 12)
AUTHORS Nandabalan,K. and Rothberg,J.Marc.
TITLE Identification and comparison of protein-protein interactions that occur in populations
JOURNAL Patent: US 6083693-A 88 04-JUL-2000;
FEATURES
source 1..12
Location/Qualifiers
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The United States of America as represented by the Secretary of
the, Washington, DC

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 936 CCTCTTCAT 944
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Db 3 CCTCTTCAT 11

RESULT 572

E17218 12 bp DNA linear PAT 28-JUL-1999
LOCUS
DEFINITION Oligonucleotide which comprises a stable triple-stranded nucleic acid.

ACCESSION E17218
VERSION E17218.1 GI:57111901
KEYWORDS JP 1998257889-A/3.
SOURCE unidentified
ORGANISM unidentified

REFERENCE 1 (bases 1 to 12)
Yamamoto,N., Okamoto,H., Suzuki,T. and Sugimoto,N.
STABILIZATION OF TRIPLE-STRANDED NUCLEIC ACID AND FORMATION OF
NUCLEIC ACID TRIMER
Patent: JP 1998257889-A 3 29-SEP-1998;
JOURNAL
COMMENT

OS None
OC Artificial sequences.
PN JP 1998257889-A/3
PD 29-SEP-1998
PF 19-MAR-1997 JP 1997066427
PI YAMAMOTO NOBUKO, OKAMOTO HISASHI, SUZUKI TOMOHIRO, PI
SUGIMOTO NAOKI
PC C12N15/09;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key
FH Location/Qualifiers

FT source 1..12
FT Location/Qualifiers
FT 1..12 /organism="Artificial sequences".

FEATURES
source

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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 932 CCTCTCTCT 940
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Db 4 CCTCTCTCT 12

RESULT 573

I04181/c 12 bp ss-DNA linear PAT 21-MAY-1993
LOCUS
DEFINITION Sequence 1 from Patent US 4707445.
ACCESSION I04181
VERSION I04181.1 GI:268759
KEYWORDS
SOURCE

Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 12)
Unclassified.

AUTHORS McCutchan,T.F. and Dane,J.B.
TITLE Intact gene and method of excising and cloning same
JOURNAL Patent: US 4707445-A 1 17-NOV-1987;

FEATURES
source

Location/Qualifiers
1..12
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/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 907 ATTTCTTT 915
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Db 12 ATTTCTTT 4

RESULT 574

AR371433 12 bp DNA linear PAT 12-SEP-2003
LOCUS
DEFINITION Sequence 88 from patent US 6395478.
ACCESSION AR371433
VERSION AR371433.1 GI:34608367
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 12)
Nandabalan,K. and Rothberg,J.M.
AUTHORS
TITLE Identification and comparison of protein-protein interactions that occur in populations and identification of inhibitors of these interactors
Patent: US 6395478-A 88 28-MAY-2002;
JOURNAL
FEATURES
source

Location/Qualifiers
1..12
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 936 CCTCTTCAT 944
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Db 3 CCTCTTCAT 11

RESULT 575

AX003295 12 bp DNA linear PAT 07-SEP-2000
LOCUS
DEFINITION Sequence 30 from Patent WO9929871.
ACCESSION AX003295
VERSION AX003295.1 GI:9927112
KEYWORDS
SOURCE

Circovirus
ORGANISM
REFERENCE 1
Virus; ssDNA viruses; Circoviridae.
AUTHORS Hutet,E., Albina,E., Arnauld,C., Cariolet,R., Jestin,A., Le,C.P.,
Maded,F., Mahe,D., Blanchard,P. and Truong,C.
TITLE
JOURNAL

Patent: WO 9929871-A 30 17-JUN-1999;
HUTET EVELYNE (FR); ALBINA EMMANUEL (FR); ARNAULD CLAIRE (FR);
CARIOLET ROLAND (FR); JESTIN ANDRE (FR); LE CANN PIERRE (FR); MADEC
FRANCOIS (FR); MAHE DOMINIQUE (FR); BLANCHARD PHILIPPE (FR); TRUONG
CATHERINE (FR); VETERINAIRES ET ALIMENTAIRES C (FR)

Location/Qualifiers
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Query Match 12.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTT 941
|||||
Db 4 CCTCCTCTT 12

RESULT 576
A91655
LOCUS A91655 13 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 182 from Patent WO9824928.
ACCESSION A91655
VERSION A91655.1 GI:6740610
KEYWORDS .
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Pallisgaard N. and Hokland P.
TITLE DETECTION OF CHROMOSOMAL ABNORMALITIES
JOURNAL Patent: WO 9824928-A 182 11-JUN-1998;
PALLISGAARD NIELS (DK); HOKLAND PETER (DK)
FEATURES
source
1. .13
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
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Db 2 TCCTCTTCA 10

RESULT 577
AR026410
LOCUS AR026410 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 24 from patent US 5856093.
ACCESSION AR026410
VERSION AR026410.1 GI:5937250
KEYWORDS .
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner S.
TITLE Method of determining zygosity by ligation and cleavage
JOURNAL Patent: US 5856093-A 24 05-JAN-1999;
FEATURES
source
1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||
Db 5 TCCTCTTCA 13

RESULT 578
AR052586
LOCUS AR052586 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 24 from patent US 5831065.
ACCESSION AR052586
VERSION AR052586.1 GI:5975950
KEYWORDS .
SOURCE Unknown.

ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner S.
TITLE Kits for DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 5831065-A 24 03-NOV-1998;
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source
1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCA 943
|||||
Db 5 TCCTCTTCA 13

RESULT 579
BD235098
LOCUS BD235098 13 bp DNA linear PAT 17-JUL-2003
DEFINITION A method for stimulating the immune system.
ACCESSION BD235098
VERSION BD235098.1 GI:33044868
KEYWORDS JP 2002517434-A/202.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 13)
AUTHORS Schlingensiepen K.H., Schlingensiepen R. and Brysch W.
TITLE A method for stimulating the immune system
JOURNAL Patent: JP 2002517434-A 202 18-JUN-2002;
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT OS Homo sapiens (human)
PN JP 2002517434-A/202
PD 18-JUN-2002
PF 10-JUN-1999 JP 2000553044
PR 10-JUN-1998 EP 98110709.7, 25-JUL-1998 EP 98113974.4 PI
KARL HERMANN SCHLINGENSIEPEN, REINAR SCHLINGENSIEPEN, WOLFGANG PI
BRYSCH
PC A61K45/06, A61K31/7088, A61K38/00, A61K39/395, A61K39/395, A61P31/
PC 00, A61P35/00,
PC A61P35/02, A61P37/02, C12N15/09, A61K37/02, C12N15/00 CC A
method for stimulating the immune system
FH Key Location/Qualifiers
FT source 1. .13
FT Location/Qualifiers
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 909 TTTCTTTGG 917
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Db 4 TTTCTTTGG 12

RESULT 580
I25578
LOCUS I25578 13 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 7 from patent US 552278.
ACCESSION I25578
VERSION I25578.1 GI:1605448
KEYWORDS .
SOURCE Unknown.

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ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner,S.
TITLE DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 552278-A 7 03-SEP-1996;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 935 TCCTCTTCA 943
Db 5 TCCTCTTCA 13

RESULT 581
LOCUS I34897 134897 13 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 24 from patent US 559675.
ACCESSION I34897
VERSION I34897.1 GI:2087865
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner,S.
TITLE DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 559675-A 24 04-FEB-1997;
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Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred.No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 935 TCCTCTTCA 943
Db 5 TCCTCTTCA 13

RESULT 582
LOCUS I83518 183518 13 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 24 from patent US 5714330.
ACCESSION I83518
VERSION I83518.1 GI:3407048
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner,S. and DuBridge,R.B.
TITLE DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 5714330-A 24 03-FEB-1998;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 935 TCCTCTTCA 943
Db 5 TCCTCTTCA 13

ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brenner,S.
TITLE DNA sequencing by stepwise ligation and cleavage
JOURNAL Patent: US 552278-A 7 03-SEP-1996;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 935 TCCTCTTCA 943
Db 5 TCCTCTTCA 13

RESULT 583
LOCUS AR382729 134897 13 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 87 from patent US 6610533.
ACCESSION AR382729
VERSION AR382729.1 GI:40091516
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Inouye,M., Wang,N. and Yamanaka,K.
TITLE Cold-shock regulatory elements, constructs thereof, and methods of use
JOURNAL Patent: US 6610533-A 87 26-AUG-2003;
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 913 TTGTGCTCTT 921
Db 13 TTGTGCTCTT 5

RESULT 584
LOCUS AX009169 134897 13 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 202 from Patent WO9963975.
ACCESSION AX009169
VERSION AX009169.1 GI:9996543
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Brysch,W., Schlingensiepen,K.H. and Schlingensiepen,R.
TITLE A method for stimulating the immune system
JOURNAL Patent: WO 9963975-A 202 16-DEC-1999;
BIOGOSTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
FEATURES
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Best Local Similarity 100.0%; Pred.No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 909 TTTCTTTGG 917
Db 4 TTTCTTTGG 12

RESULT 585
LOCUS BD023437 134897 13 bp DNA linear PAT 27-AUG-2002
DEFINITION Method for detecting abnormality in chromosome.
ACCESSION BD023437
VERSION BD023437.1 GI:22564660
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 13)
AUTHORS Parigard,N. and Hokurando,P.
TITLE Method for detecting abnormality in chromosome
JOURNAL Patent: JP 2003505428-A 182 24-APR-2001;

NEILLS PARIGARD
PN JP 2001505428-A/182
PD 24-APR-2001

PF 08-DEC-1997 JP 1998525090
PI NEILLS PARIGARD,PATER HOKURANDO
PC C12N15/09,C12Q1/68,G01N33/50,C12N15/00
CC Strandedness: Single;
CC Topology: Linear; Location/Qualifiers.

FH Key Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCTCTTCA 943

Db 2 TCCTCTTCA 10

RESULT 586

BD064831/c

LOCUS 13 bp DNA linear PAT 27-AUG-2002
DEFINITION Method for detecting the extent of binding of transcriptional
regulatory protein to oligoDNA.

ACCESSION BD064831

VERSION BD064831.1 GI:22610434

KEYWORDS JP 2001275678-A/43.

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 13)

AUTHORS Kishimoto,T., Niwa,S., Mori,Y., Sachiyo, Mimaki, Fukushima,R. and
Nishikawa,K.

TITLE Method for detecting the extent of binding of transcriptional

regulatory protein to oligoDNA

JOURNAL Patent: JP 200275678-A 43 09-OCT-2001;

COMMENT SUMITOMO ELECTRIC INDUSTRIES LTD

OS Artificial Sequence

PN JP 2001275678-A/43

PF 31-MAR-2000 JP 2000096306

PI TOSHIHIKO KISHIMOTO,SHINICHIRO NIWA,YUKO MORI,SACHIYO PI

MIMAKI,REI FUKUSHIMA,

PI KAZUKO NISHIKAWA,

PC C12N15/09,C12N5/10,C12Q1/00,C12Q1/68,C12N15/00,C12N5/00 CC

Synthetic DNA

FH Key Location/Qualifiers

FT source 1..13

FT Location/Qualifiers

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/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 932 CCCTCCTCT 940

Db 10 CCCTCCTCT 2

RESULT 587

AR029976/c

LOCUS 12 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 165 from patent US 5861244.

ACCESSION AR029976

VERSION AR029976.1 GI:5943190

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 12)

AUTHORS Wang,C.-G. and Hepburn,A.G.

TITLE Genetic sequence assay using DNA triple strand formation

JOURNAL Patent: US 5861244-A 165 19-JAN-1999;

FEATURES Location/Qualifiers

source 1..12

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCAT 944

Db 12 CCTCATCTTCTT 1

RESULT 588

AR029998

LOCUS 12 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 187 from patent US 5861244.

ACCESSION AR029998

VERSION AR029998.1 GI:5943212

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 12)

AUTHORS Wang,C.-G. and Hepburn,A.G.

TITLE Genetic sequence assay using DNA triple strand formation

JOURNAL Patent: US 5861244-A 187 19-JAN-1999;

FEATURES Location/Qualifiers

source 1..12

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/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTCAT 944

Db 1 CCTCATCTTCTT 12

RESULT 589

AR030038/c

LOCUS 12 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 227 from patent US 5861244.

ACCESSION AR030038

VERSION AR030038.1 GI:5943252

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 12)

AUTHORS Wang,C.-G. and Hepburn,A.G.

TITLE Genetic sequence assay using DNA triple strand formation

JOURNAL Patent: US 5861244-A 227 19-JAN-1999;

FEATURES Location/Qualifiers

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Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCT 935
|||||
Db 12 CCTTTCACCCCT 1

RESULT 590
AR030048/c
LOCUS AR030048 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 237 from patent US 5861244.
ACCESSION AR030048
VERSION AR030048.1 GI:5943262
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 237 19-JAN-1999;
FEATURES
source
Location/Qualifiers
1. .12
/organism="unknown"
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Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCT 935
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Db 12 CCTTTCACCCCT 1

RESULT 591
AR030060/c
LOCUS AR030060 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 249 from patent US 5861244.
ACCESSION AR030060
VERSION AR030060.1 GI:5943274
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 249 19-JAN-1999;
FEATURES
source
Location/Qualifiers
1. .12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCT 935
|||||
Db 12 CCTTTCACCCCT 1

RESULT 592
AR030070/c
LOCUS AR030070 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 259 from patent US 5861244.
ACCESSION AR030070
VERSION AR030070.1 GI:5943284
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 259 19-JAN-1999;
FEATURES
source
Location/Qualifiers
1. .12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCT 935
|||||
Db 12 CCTTTCACCCCT 1

RESULT 593
AR030074/c
LOCUS AR030074 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 263 from patent US 5861244.
ACCESSION AR030074
VERSION AR030074.1 GI:5943288
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 263 19-JAN-1999;
FEATURES
source
Location/Qualifiers
1. .12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 CCTTTATCCCT 935
|||||
Db 12 CCTTTCACCCCT 1

RESULT 594
AR058453/c
LOCUS AR058453 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 30 from patent US 5837832.
ACCESSION AR058453
VERSION AR058453.1 GI:5984030
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
Lipshutz,R.J., Lobb,P.E., Morris,M.S. and Sheldom,E.L.
TITLE Arrays of nucleic acid probes on biological chips
JOURNAL Patent: US 5837832-A 30 17-NOV-1998;
FEATURES
source
Location/Qualifiers
1. .12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
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Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 TGGCTCTTGCCT 926
Db 12 TGGCTCTAGCCT 1

RESULT 595
AR058620/c
LOCUS AR058620 12 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 197 from patent US 5837832.
ACCESSION AR058620
VERSION AR058620.1 GI:5984197
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Chee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A.,
Lipshutz,R.J., Lobb,P.B., Morris,M.S. and Sheldon,E.L.
TITLE Arrays of nucleic acid probes on biological chips
JOURNAL Patent: US 5837832-A 197 17-NOV-1998;
FEATURES Location/Qualifiers
source 1..12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 ATCCCTCTCTT 941
Db 12 ATCCCTCTCTGT 1

RESULT 596
I58341/c
LOCUS I58341 12 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 2 from patent US 5652103.
ACCESSION I58341
VERSION I58341.1 GI:2477579
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Agrawal,S. and Tang,J.-Y.
TITLE Method for sequencing synthetic oligonucleotides containing
non-phosphodiester internucleotide linkages
JOURNAL Patent: US 5652103-A 2 29-JUL-1997;
FEATURES Location/Qualifiers
source 1..12
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 933 CCTCTCTTCAT 944
Db 12 CCTCTCTTCAT 1

RESULT 597
AR214799/c
LOCUS AR214799 12 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 17 from patent US 6410226.
ACCESSION AR214799
VERSION AR214799.1 GI:23312730
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Kmiec,E.B., Holloman,W.K., Rice,M.C., Smith,S.T. and Shu,Z.
TITLE Mammalian and human REC2
JOURNAL Patent: US 6410226-A 17 25-JUN-2002;
FEATURES Location/Qualifiers
source 1..12
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 TTTTATCCTCC 937
Db 12 TTTTATGCTCC 1

RESULT 598
AR222376
LOCUS AR222376 12 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 26 from patent US 6429291.
ACCESSION AR222376
VERSION AR222376.1 GI:23329881
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 12)
AUTHORS Turley,E.A., Zhang,S. and Entwistle,J.
TITLE Hyaluronan receptor protein
JOURNAL Patent: US 6429291-A 26 06-AUG-2002;
FEATURES Location/Qualifiers
source 1..12
/organism="unknown"
/mol_type="genomic DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 917 GTCCTTGCCTT 928
Db 1 GTCCTTGCCTT 12

RESULT 599
AX068118/c
LOCUS AX068118 12 bp DNA linear PAT 25-JAN-2001
DEFINITION Sequence 5 from Patent WO0102553.
ACCESSION AX068118
VERSION AX068118.1 GI:12578323
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bell,A.C., West,A.G. and Felsenfeld,G.
TITLE Dna binding protein and sequence as insulators having specific
enhancer blocking activity for regulation of gene expression
JOURNAL Patent: WO 0102553-A 5 11-JAN-2001;
FEATURES THE GOVERNMENT OF THE UNITED STATES OF AMERICA (US)
Location/Qualifiers
source 1..12
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 12.1%; Score 8.8; DB 1; Length 12;

Best Local Similarity 83.3%; Pred. No. 3.8e+02; Mismatches 0; Indels 2; Gaps 0;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 945 TGGTTTAATGTA 956
Db 12 TGCATTAATGTA 1

RESULT 600
AX211687
LOCUS AX211687 12 bp RNA linear PAT 06-SEP-2001
DEFINITION Sequence 17 from Patent WO0159138.
ACCESSION AX211687
VERSION AX211687.1 GI:15523919
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Vanderhaeghen,R. and van Lijsebettens,M.
TITLE Plant internal ribosome entry segment
JOURNAL Patent: WO 0159138-A 17 16-AUG-2001;
Viama's Interuniversitair Instituut voor Biotechnologie vzw. (BE)
FEATURES
source
1. .12
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="primer oligo #2"

Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 929 TATCCCTCCTCT 940
Db 1 TCTCCTCCTCT 12

RESULT 601
BD003364/c
LOCUS BD003364 12 bp DNA linear PAT 31-JAN-2002
DEFINITION Mammalian and human REC2.
ACCESSION BD003364
VERSION BD003364.1 GI:18631325
KEYWORDS JP 2001500729-A/14.
SOURCE Saccharomyces cerevisiae (baker's yeast)
ORGANISM Saccharomyces cerevisiae
REFERENCE 1 (bases 1 to 12)
AUTHORS Holloman,W.K., Rice,M.C., Smith,S.T., Shu,Z. and Kmie,E.B.
TITLE Mammalian and human REC2
JOURNAL Patent: JP 2001500729-A 14 23-JAN-2001;
THOMAS JEFFERSON UNIVERSITY,CORNELL RESEARCH FOUNDATION INC
COMMENT OS Saccharomyces cerevisiae (Yeast)
PN JP 2001500729-A/14
PD 23-JAN-2001
PR 11-SEP-1997 JP 1998513444
PR 11-SEP-1996 US 60/025929
PI WILLIAM K HOLLOMAN,MICHAEL C RICE,SHERYL T SMITH,ZHIGANG SHU,
PI ERIC B KMLEC
PC C12N15/09,A01K67/027,C07K16/40,C12N5/10,C12N9/00,C12Q1/68, PC
C12N15/00,
PC C12N5/00
FH Key
FT source
FT Location/Qualifiers
1. .12
/organism="Saccharomyces cerevisiae (yeast)".
/organism="Saccharomyces cerevisiae"
/mol_type="genomic DNA"

/db_xref="taxon:4932"
Query Match 12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 926 TTTTATCCCTCC 937
Db 12 TTTAATGCCTCC 1

RESULT 602
AR030145
LOCUS AR030145 13 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 334 from patent US 5861244.
ACCESSION AR030145
VERSION AR030145.1 GI:5943359
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Wang,C.-G. and Hepburn,A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 334 19-JAN-1999;
FEATURES
source
1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 931 TCCCTCCTCTTC 942
Db 1 TCCCTCCTCTTC 12

RESULT 603
AR119104
LOCUS AR119104 13 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 4 from patent US 6150095.
ACCESSION AR119104
VERSION AR119104.1 GI:14101014
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 13)
AUTHORS Southern,B.Mellor., Pritchard,C.Elizabeth. and
Case-Green,S.Charles.
TITLE Method for analyzing a polynucleotide containing a variable
sequence
JOURNAL Patent: US 6150095-A 4 21-NOV-2000;
FEATURES Location/Qualifiers
source
1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 925 CTTTATCCCTCC 936
Db 1 CTTTATCCCTCC 12

RESULT 604
AR174810
LOCUS AR174810 13 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 4 from patent US 6307039.

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ACCESSION      AR174810
VERSION        AR174810.1  GI:17915130
KEYWORDS
SOURCE         Unknown.
ORGANISM       Unknown.
REFERENCE      1 (bases 1 to 13)
AUTHORS       Southern,E.Mellor., Pritchard,C.Elizabeth. and
              Case-Green,S.Charles.
TITLE         Method for analyzing a polynucleotide containing a variable
              sequence and a set or array of oligonucleotides therefor
JOURNAL       Patent: US 6307039-A 4 23-OCT-2001;
FEATURES      Location/Qualifiers
              1..13
              /organism="unknown"
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Query Match   12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 925 CTTTATCCCTC 936
      ||| |||||
Db 1 CTTATTCCTC 12
RESULT 605
E32293
LOCUS          E32293          13 bp    DNA    linear    PAT 18-JUN-2001
DEFINITION    Species-specific detection method for trichosporon and novel
              polynucleotide.
ACCESSION     E32293
VERSION       E32293.1  GI:13022085
KEYWORDS      JP 2000060564-A/61.
SOURCE        Trichosporon asteroides
              Trichosporon asteroides
              Trichosporon asteroides
              Eukaryota; Fungi; Basidiomycota; Hymenomycetes;
              Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
              Trichosporon.
REFERENCE      1 (bases 1 to 13)
AUTHORS       Takashi,S., Akemi,N. and Takako,S.
TITLE         Species-specific detection method for trichosporon and novel
              polynucleotide
JOURNAL       Patent: JP 2000060564-A 61 29-FEB-2000;
              IATRON LAB INC
COMMENT        OS Trichosporon asteroides
              PN JP 2000060564-A/61
              PD 29-FEB-2000
              PF 24-AUG-1998 JP 1998237060
              PR
              PI TAKASHI SUGITA,AKEMI NISHIKAWA,TAKAKO SHINODA PC
              C12N15/09,C12Q1/04,C12Q1/68// (C12N15/09,C12R1:645),C12N15/00, PC
              (C12N15/00,C12R1:645)
              CC
              FH Key Location/Qualifiers
              FT source 1..13
              /organism="Trichosporon asteroides".
FEATURES      Location/Qualifiers
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              /db_xref="taxon:82511"
Query Match   12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 940 TTCAATGGTTTA 951
      ||| |||||
Db 1 TTAATGGCTTA 12
RESULT 606
E32293
LOCUS          E32293          13 bp    DNA    linear    PAT 02-DEC-1994
DEFINITION    Sequence 6 from Patent EP 0326423.
ACCESSION     I06780
VERSION       I06780.1  GI:590099
KEYWORDS
SOURCE        Unknown.
ORGANISM       Unknown.
REFERENCE      1 (bases 1 to 13)
AUTHORS       Bumol,T.F., Gadski,R.A., Hamilton,A.E., Sportsman,J.R. and
              Strnad,J.
TITLE         Vectors, compounds and methods for expression of a hum
              adenocarcinoma antigen
JOURNAL       Patent: EP 0326423-A2 6 02-AUG-1989;
FEATURES      Location/Qualifiers
              1..13
              /organism="unknown"
              /mol_type="unassigned DNA"
Query Match   12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 919 CTTTGCCTTTTA 930
      ||| |||||
Db 1 CTGTGCTTCTA 12
RESULT 607
I07132
LOCUS          I07132          13 bp    DNA    linear    PAT 02-DEC-1994
DEFINITION    Sequence 25 from Patent EP 0316115.
ACCESSION     I07132
VERSION       I07132.1  GI:590353
KEYWORDS      Polypeptides
              Patent: EP 0316115-A2 25 17-MAY-1989;
              Location/Qualifiers
              1..13
              /organism="unknown"
              /mol_type="unassigned DNA"
Query Match   12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 919 CTTTGCCTTTTA 930
      ||| |||||
Db 1 CTGTGCTTCTA 12
RESULT 608
I07401
LOCUS          I07401          13 bp    DNA    linear    PAT 02-DEC-1994
DEFINITION    Sequence 14 from Patent EP 0338767.
ACCESSION     I07401
VERSION       I07401.1  GI:589926
KEYWORDS
SOURCE        Unknown.
ORGANISM       Unknown.
REFERENCE      1 (bases 1 to 13)
AUTHORS       Beavers,L.S., Bumol,T.F., Gadski,R.A. and Weigel,B.J.
TITLE         Novel recombinant and chimeric antibodies directed against a human
              adenocarcinoma antigen
JOURNAL       Patent: EP 0338767-A2 14 25-OCT-1989;
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FEATURES          source          Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 919 CTTTGCCTTTTA 930
Db 1 CTGTCCTTTCTA 12

RESULT 609
LOCUS I07587 13 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 5 from Patent EP 0361956.
ACCESSION I07587
VERSION I07587.1 GI:589769
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Heiung,H.M.
TITLE Increased expression of small molecular weight recombinant proteins
JOURNAL Patent: Ep 0361956-A2 5 04-APR-1990;
FEATURES Location/Qualifiers
source 1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 919 CTTTGCCTTTTA 930
Db 1 CTGTCCTTTCTA 12

RESULT 610
LOCUS I79843 13 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 9 from patent US 5707866.
ACCESSION I79843
VERSION I79843.1 GI:3208133
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Brakier-Gingras,L., Melan.cedilla.on,P., Cote,M. and Payant,C.
TITLE DNA oligomers for inhibition of HIV by decreasing ribosomal
frameshifting
JOURNAL Patent: US 5707866-A 9 13-JAN-1998;
FEATURES Location/Qualifiers
source 1. .13
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 904 GTCAATTCCTTT 915
Db 2 GTCAATTCCTTT 13

RESULT 611
LOCUS AR305534 13 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 2 from patent US 6545162.
ACCESSION AR305534
VERSION AR305534.1 GI:31694943
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Dervan,P.B. and Baird,E.E.
TITLE Method for the synthesis of pyrrole and imidazole carboxamides on a
solid support
JOURNAL Patent: US 6545162-A 2 08-APR-2003;
FEATURES Location/Qualifiers
source 1. .13
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 918 TCTTGCCTTTT 929
Db 13 TTTTGTCTTTT 2

RESULT 612
LOCUS AR364960 13 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 9 from patent US 5455029.
ACCESSION AR364960
VERSION AR364960.1 GI:34428181
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 13)
AUTHORS Hartman,J.R., Oppenheim,A.B., Gorecki,M., Aviv,H. and Oren,R.
TITLE Therapeutic compositions comprising a mixture of human Cuzn
superoxide dismutase analogs
JOURNAL Patent: US 5455029-A 9 03-OCT-1995;
FEATURES Location/Qualifiers
source 1. .13
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 12.1%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 955 TATGCTACCAA 966
Db 1 TATGCTACTAA 12

RESULT 613
LOCUS AX164572 13 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 402 from Patent WO0138564.
ACCESSION AX164572
VERSION AX164572.1 GI:14545506
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
AUTHORS Rouleau,G.A., Lafreniere,R.G., Rochefort,D., Cossette,P. and
Ragsdale,D.
TITLE Loci for idiopathic generalized epilepsy, mutations thereof and
method using same to assess, diagnose, prognosis or treat epilepsy
JOURNAL Patent: WO 0138564-A 402 31-MAY-2001;

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Best Local Similarity 83.3%; Pred.No. 4e+02;					
Matches	10; Conservative	0; Mismatches	2; Indels	0; Gaps	0;
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QY	931 TCCTCCTCTTC 942 				
Db	12 TTCTTCTCTTC 1				
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RESULT 616					
AX752152	AX752152	13 bp	DNA	linear	PAT 20-JUN-2003
LOCUS	Sequence 4 from Patent EP1308523.				
DEFINITION	AX752152				
ACCESSION	AX752152				
VERSION	AX752152.1 GI:32134258				
KEYWORDS	. synthetic construct				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1				
AUTHORS	Case-Green,S.C., Pritchard,C.E. and Southern,E.M.				
TITLE	Detecting DNA sequence variations				
JOURNAL	Patent: Ep 1308523-A 4 07-MAY-2003;				
FEATURES	Oxford Gene Technology IP Limited (GB)				
source	Location/Qualifiers				
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	/organism="synthetic construct"				
	/mol type="unassigned DNA"				
	/db xref="taxon:32630"				
	/note="Anchoring sequence"				
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Query Match	12.1%; Score 8.8; DB 1; Length 13;				
<hr/>					
Best Local Similarity 83.3%; Pred.No. 4e+02;					
Matches	10; Conservative	0; Mismatches	2; Indels	0; Gaps	0;
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QY	925 CTTTATTCCCTC 936 				
Db	1 CTTATTCCCTC 12				
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RESULT 617					
ATH520517	ATH520517	13 bp	DNA	linear	PLN 29-MAR-2003
LOCUS	Arabidopsis thaliana T-DNA flanking sequence,				
DEFINITION	036P07.				
ACCESSION	AJ520517				
VERSION	AJ520517.1 GI:26788753				
KEYWORDS	left border; T-DNA flanking sequence.				
SOURCE	Arabidopsis thaliana (thale cress)				
ORGANISM	Arabidopsis thaliana				
	Eukaryota; Viridiplantae; Streptophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi				
<hr/>					
REFERENCE	1				
AUTHORS	Brunaud,V., Balzergue,S., Dubreucq,B., Aubourg,S., Samson,F., Chauvin,S., Bechtold,N., Cruau,D., DeRose,R., Pelletier,G., Lepiniec,L., Caboche,M. and Lecharny,A.				
TITLE	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites				
JOURNAL	EMBO Rep. 3 (12), 1152-1157 (2002)				
MEDLINE	22363535				
PUBMED	12446565				
REFERENCE	2 (bases 1 to 13)				
AUTHORS	Balzergue,S.				
TITLE	Direct Submission				
JOURNAL	Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE				
COMMENT	PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are availablet				

<http://dbgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.infobiogen.fr>).

FEATURES

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Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 911 TCTTTGGTCTTT 922
Db 1 TTTTGGTCTTT 12

RESULT 618

A15909
LOCUS Beta-1,3-glucanase (G19-9) TCA sequence from stress-induced plant genes
DEFINITION A15909.1 GI:489828
ACCESSION A15909
VERSION A15909.1
SOURCE Hordeum vulgare
ORGANISM Hordeum vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Poideae; Triticeae; Hordeum.
REFERENCE 1 (bases 1 to 10)
AUTHORS
TITLE NOVEL PLANT GENE REGULATORY ELEMENT
JOURNAL Patent: WO 9314213-A 1 22-JUL-1993;
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTCTTT 914
Db 1 TCATCTTCTT 10

RESULT 619

A15910
LOCUS Beta-1,3-glucanase (G19-9) TCA sequence from stress-induced plant genes
DEFINITION A15910.1 GI:489829
ACCESSION A15910
VERSION A15910.1
SOURCE Hordeum vulgare
ORGANISM Hordeum vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Poideae; Triticeae; Hordeum.
REFERENCE 1 (bases 1 to 10)
AUTHORS
TITLE NOVEL PLANT GENE REGULATORY ELEMENT

JOURNAL Patent: WO 9314213-A 2 22-JUL-1993;
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Qy 905 TCATTTCTTT 914
Db 1 TCATCTTCTT 10

RESULT 620

A43121/c
LOCUS Sequence 7 from Patent WO9505481.
DEFINITION A43121
ACCESSION A43121
VERSION A43121.1 GI:2298509
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 10)
AUTHORS Cookson, W.O., Hopkin, J.M. and Shirakawa, T.
TITLE DIAGNOSTIC METHOD AND THERAPY
JOURNAL Patent: WO 9505481-A 7 23-FEB-1995;
JOURNAL ISIS INNOVATION (GB)
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 957 TCGCTACCAA 966
Db 10 TCACTACCAA 1

RESULT 621

A56789
LOCUS Sequence 4 from Patent WO9630493.
DEFINITION A56789
ACCESSION A56789
VERSION A56789.1 GI:4530652
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Grierson, D., Blume, B., Hamilton, A., Holdsworth, M. and Barry, C.
TITLE DNA CONSTRUCTS AND PLANTS INCORPORATING THEM
JOURNAL Patent: WO 9630493-A 4 03-OCT-1996;
COMMENT ZENECA LTD (GB)
Other publication AU 4970196 961016.
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ACCESSION AR029879
VERSION    AR029879.1 GI:5943093
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE       Genetic sequence assay using DNA triple strand formation
JOURNAL     Patent: US 5861244-A 68 19-JAN-1999;
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Qy      905 TCATTTCCTT 914
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ACCESSION AR029882
VERSION    AR029882.1 GI:5943096
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE       Genetic sequence assay using DNA triple strand formation
JOURNAL     Patent: US 5861244-A 71 19-JAN-1999;
FEATURES    Location/Qualifiers
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LOCUS      10 bp      DNA      PAT 31-AUG-2000
DEFINITION Sequence 13 from patent US 5962670.
ACCESSION AR078527
VERSION    AR078527.1 GI:10005273
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Walling, L.L., Pautot, V., Gu, Y.-O. and Chao, W. Shaw.
TITLE       Promoters for enhancing plant productivity

JOURNAL     Patent: US 5962670-A 13 05-OCT-1999;
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RESULT 625
AR107765
LOCUS      10 bp      DNA      PAT 14-FEB-2001
DEFINITION Sequence 11 from patent US 6110667.
ACCESSION AR107765
VERSION    AR107765.1 GI:12823252
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Lopez-Nieto, C. Eduardo. and Nigam, S. Kumar.
TITLE       Processes, apparatus and compositions for characterizing nucleotide
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JOURNAL     Patent: US 6110667-A 11 29-AUG-2000;
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Qy      933 CCTCTCTCTTC 942
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Db      1 CATCTCTCTTC 10
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LOCUS      10 bp      DNA      PAT 16-MAY-2001
DEFINITION Sequence 10 from patent US 6171864.
ACCESSION AR124564
VERSION    AR124564.1 GI:14109925
KEYWORDS   Unknown.
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 10)
AUTHORS    Coughlan, S.J. and Winfrey, R.J. Jr.
TITLE       Calreticulin genes and promoter regions and uses thereof
JOURNAL     Patent: US 6171864-A 10 09-JAN-2001;
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Qy      905 TCATTTCCTT 914
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AR124569      ARI24569      10 bp      DNA      linear      PAT 16-MAY-2001
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ACCESSION ARI24569
VERSION ARI24569.1 GI:14109930
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SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 10)
AUTHORS Coughlan,S.J. and Winfrey,R.J. Jr.
TITLE Calreticulin genes and promoter regions and uses thereof
JOURNAL Patent: US 6171864-A 15 09-JAN-2001;
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Qy 905 TCATTTTCTT 914
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Db 1 TCATCTTCTT 10

RESULT 628
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ACCESSION ARI43739
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KEYWORDS
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REFERENCE
1 (bases 1 to 10)
AUTHORS Grierson,D., Blume,B., Hamilton,A., Holdsworth,M. and Barry,C.
TITLE DNA constructs and plants incorporating them
JOURNAL Patent: US 6204437-A 4 20-MAR-2001;
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
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Qy 905 TCATTTTCTT 914
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Db 1 TCATCTTCTT 10

RESULT 629
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LOCUS
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD238938
VERSION BD238938.1 GI:33048708
KEYWORDS JP 2002534056-A/356
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 356 15-OCT-2002;
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/356

AR124569      ARI24569      10 bp      DNA      linear      PAT 16-MAY-2001
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DEFINITION Sequence 15 from patent US 6171864.
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VERSION ARI24569.1 GI:14109930
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1 (bases 1 to 10)
AUTHORS Coughlan,S.J. and Winfrey,R.J. Jr.
TITLE Calreticulin genes and promoter regions and uses thereof
JOURNAL Patent: US 6171864-A 15 09-JAN-2001;
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RESULT 628
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DEFINITION Sequence 4 from patent US 6204437.
ACCESSION ARI43739
VERSION ARI43739.1 GI:15105025
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SOURCE
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1 (bases 1 to 10)
AUTHORS Grierson,D., Blume,B., Hamilton,A., Holdsworth,M. and Barry,C.
TITLE DNA constructs and plants incorporating them
JOURNAL Patent: US 6204437-A 4 20-MAR-2001;
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ACCESSION BD238938
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AUTHORS Roberts,B.L. and Shankara,S.
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JOURNAL Patent: JP 2002534056-A 356 15-OCT-2002;
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DEFINITION Preparation and use of superior vaccines.
ACCESSION BD238988
VERSION BD238988.1 GI:33048758
KEYWORDS JP 2002534056-A/406
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
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AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 406 15-OCT-2002;
COMMENT GENZYME CORP
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PN JP 2002534056-A/406
PD 15-OCT-2002
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Db 10 CCTTTCATT 1
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LOCUS BD239008 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239008
VERSION BD239008.1 GI:33048778
KEYWORDS JP 2002534056-A/426.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 426 15-OCT-2002;
GENZYME CORP
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OS Homo sapiens (human)
PN JP 2002534056-A/426
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LOCUS BD239120 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239120
VERSION BD239120.1 GI:33048890
KEYWORDS JP 2002534056-A/538.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 538 15-OCT-2002;
GENZYME CORP
COMMENT
OS Homo sapiens (human)
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Db 1 TTGGTTTAAT 10
RESULT 632
BD239120/c
LOCUS BD239120 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239120
VERSION BD239120.1 GI:33048890
KEYWORDS JP 2002534056-A/538.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 538 15-OCT-2002;
GENZYME CORP
COMMENT
OS Homo sapiens (human)
PN JP 2002534056-A/538
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08-DEC-1998 US 60/111715
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DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239385
VERSION   BD239385.1 GI:33049155
KEYWORDS  JP 2002534056-A/803.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
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          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
          1 (bases 1 to 10)
REFERENCE
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE     Preparation and use of superior vaccines
JOURNAL   Patent: JP 2002534056-A 803 15-OCT-2002;
          GENZYME CORP
COMMENT   OS Homo sapiens (human)
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          PD 15-OCT-2002
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DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239517
VERSION   BD239517.1 GI:33049287
KEYWORDS  JP 2002534056-A/935.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
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          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
          1 (bases 1 to 10)
REFERENCE
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE     Preparation and use of superior vaccines
JOURNAL   Patent: JP 2002534056-A 935 15-OCT-2002;
          GENZYME CORP
COMMENT   OS Homo sapiens (human)
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QY 921 TTTTITTTGG 930
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RESULT 634
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LOCUS   BD239466      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239466
VERSION   BD239466.1 GI:33049236
KEYWORDS  JP 2002534056-A/884.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
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          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
          1 (bases 1 to 10)
REFERENCE
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE     Preparation and use of superior vaccines
JOURNAL   Patent: JP 2002534056-A 884 15-OCT-2002;
          GENZYME CORP
COMMENT   OS Homo sapiens (human)
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QY 921 TTTTITTTGG 930
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 CCTTTATCC 933
DB 1 CCTTTATCC 10

RESULT 636
BD239700/c
LOCUS BD239700 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239700
VERSION BD239700.1 GI:33049470
KEYWORDS JP 2002534056-A/1118.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1118 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1118
FD 15-OCT-2002
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PI BRUCE L ROBERTS,SRINIVAS SHANKARA

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QY 948 TTTAATGTAT 957
DB 10 TTTAATGTAT 1

RESULT 637
BD239835/c
LOCUS BD239835 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD239835
VERSION BD239835.1 GI:33049605
KEYWORDS JP 2002534056-A/1253.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts,B.L. and Shankara,S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1253 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1253
FD 15-OCT-2002
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCA 943
Db 10 CTCCTCTTCA 1

RESULT 638
BD240081/c
LOCUS      BD240081      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD240081
VERSION    BD240081.1 GI:33049851
KEYWORDS  JP 2002534056-A/1499.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 10)
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1499 15-OCT-2002;
GENZYME CORP
COMMENT    OS Homo sapiens (human)
PN JP 2002534056-A/1499
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Query Match      11.5%; Score 8.4; DB 1; Length 10;
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 948 TTTAATGTAT 957
Db 1 TTTGATGTAT 10

RESULT 640
BD240199/c
LOCUS      BD240199      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD240199
VERSION    BD240199.1 GI:33049969
KEYWORDS  JP 2002534056-A/1617.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 10)
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1617 15-OCT-2002;
GENZYME CORP
COMMENT    OS Homo sapiens (human)
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PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
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Qy 918 TCTTGGCTT 927
Db 10 TCTTGGCTT 1

RESULT 639
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LOCUS      BD240153      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD240153
VERSION    BD240153.1 GI:33049923
KEYWORDS  JP 2002534056-A/1571.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 10)
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1571 15-OCT-2002;
GENZYME CORP
COMMENT    OS Homo sapiens (human)
PN JP 2002534056-A/1571
PD 15-OCT-2002
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Qy 918 TCTTGGCTT 927
Db 10 TCTTGGCTT 1

RESULT 639
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LOCUS      BD240153      10 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION  BD240153
VERSION    BD240153.1 GI:33049923
KEYWORDS  JP 2002534056-A/1571.
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 10)
AUTHORS  Roberts,B.L. and Shankara,S.
TITLE    Preparation and use of superior vaccines
JOURNAL  Patent: JP 2002534056-A 1571 15-OCT-2002;
GENZYME CORP
COMMENT    OS Homo sapiens (human)
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OS Homo sapiens (human)
PN JP 2002534056-A/1617
PD 15-OCT-2002
PR 18-JUN-1998 JP 2000554749
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PR 08-DEC-1998 US 60/111715
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C12N1/19, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
G01N37/00,
PC C12N15/00, C12N5/00, C12N15/00
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTG 916
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DB 10 ATTGCTTG 1

RESULT 641
BD240201
LOCUS BD240201 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240201
VERSION BD240201.1 GI:33049971
KEYWORDS JP 2002534056-A/1619.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts, B.L. and Shankara, S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1619 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1619
PD 15-OCT-2002
PR 18-JUN-1998 JP 2000554749
PR 19-JUN-1998 US 60/090039,19-JUN-1998 US 60/090040 PR
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PR 08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS, SRINIVAS SHANKARA
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C12N1/19, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
G01N37/00,
PC C12N15/00, C12N5/00, C12N15/00
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTTGGTCT 920
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DB 1 TCTTTGGTCT 10

RESULT 642
BD240256
LOCUS BD240256 10 bp DNA linear PAT 17-JUL-2003
DEFINITION Preparation and use of superior vaccines.
ACCESSION BD240256
VERSION BD240256.1 GI:33050026
KEYWORDS JP 2002534056-A/1674.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 10)
AUTHORS Roberts, B.L. and Shankara, S.
TITLE Preparation and use of superior vaccines
JOURNAL Patent: JP 2002534056-A 1674 15-OCT-2002;
GENZYME CORP
COMMENT OS Homo sapiens (human)
PN JP 2002534056-A/1674
PD 15-OCT-2002
PR 18-JUN-1998 JP 2000554749
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PR 08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS, SRINIVAS SHANKARA
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C12N1/19, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
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QY 911 TCTTTGGTCT 920
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DB 1 TCTTTGGTCT 10

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CC Preparation and use of superior vaccines
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Qy 915 TGGTCTTGC 924

Db 1 TGTCTTGC 10

RESULT 643

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LOCUS BD240400 10 bp DNA linear PAT 17-JUL-2003

DEFINITION Preparation and use of superior vaccines.

ACCESSION BD240400

VERSION BD240400.1 GI:33050170

KEYWORDS JP 2002534056-A/1818

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 10)

AUTHORS Roberts, S.L. and Shankar, S.

TITLE Preparation and use of superior vaccines

JOURNAL Patent: JP 2002534056-A 1818 15-OCT-2002;

GENZYME CORP

COMMENT OS Homo sapiens (human)

PN JP 2002534056-A/1818

PD 15-OCT-2002

PF 18-JUN-1999 JP 2000554749

PR 19-JUN-1998 US 60/090003,19-JUN-1998 US 60/090040 PR

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C12N1/19

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G01N37/00,

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CC Preparation and use of superior vaccines

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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 955 TATCGCTACC 964

Db 1 TATAGCTACC 10

RESULT 644

BD262926

LOCUS BD262926

DEFINITION A method for analyzing polynucleotides.

ACCESSION BD262926

VERSION BD262926.1 GI:33072694

KEYWORDS JP 2002525129-A/7

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 10)

AUTHORS Jr,V.P.S., Wolfe,J.L., Kawate,T. and Verdine,G.

TITLE A method for analyzing polynucleotides

JOURNAL Patent: JP 2002525129-A 7 13-AUG-2002;

VARIAGENICS INC

COMMENT OS Artificial Sequence

PN JP 2002525129-A/7

PD 13-AUG-2002

PF 30-SEP-1999 JP 2000572414

PR 01-OCT-1998 US 60/102724,17-AUG-1999 US 60/149533 PR

10-SEP-1999 US 09/394387,10-SEP-1999 US 09/394457 PR

10-SEP-1999 US 09/394467,10-SEP-1999 US 09/394774 PI

VINCENT P STANTON JR,JIA LIU WOLFE,TOMOHICO KAWATE,GREGORY PI

VERDINE

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PC G01N27/62,C12N15/00

CC Hypothetical sequence to demonstrate application.

FH Key

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Location/Qualifiers

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Best Local Similarity 90.0%; Pred. No. 3.9e+02;

Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 929 TATCCCTCCT 938

Db 1 TATTCCTCCT 10

RESULT 645

E39702

LOCUS E39702

DEFINITION Genes with human dendritic cell expression.

ACCESSION E39702

VERSION E39702.1 GI:18621793

KEYWORDS JP 2000279181-A/235.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 10)

AUTHORS Hashimoto,S., Matsushima,K. and Suzuki,T.

TITLE Genes with human dendritic cell expression

JOURNAL Patent: JP 2000279181-A 235 10-OCT-2000;

SCIENCE & TECH AGENCY

COMMENT OS Homo sapiens (human)

PN JP 2000279181-A/235

PD 10-OCT-2000

PF 01-APR-1999 JP 1999095481

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PI SHINICHI HASHIMOTO,KOJI MATSUSHIMA,TAKUJI SUZUKI PC
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QY 925 CTTTATCC 934

Db 1 CTTTATCC 10

RESULT 646

E54712 LOCUS 10 bp DNA linear PAT 27-AUG-2002
DEFINITION Human normal liver cell expression genes.
ACCESSION E54712.1 GI:22556195

VERSION E54712.1 GI:22556195
KEYWORDS JP 2001211883-A/64.
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 10)

REFERENCE 1 (bases 1 to 10)
AUTHORS Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.

TITLE Human normal liver cell expression genes
JOURNAL Patent: JP 2001211883-A 64 07-AUG-2001;
SCIENCE & TECH AGENCY

COMMENT OS Homo sapiens (human)

PN JP 2001211883-A/64

PD 07-AUG-2001

PF 31-JAN-2000 JP 2000023170

PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,SHUICHI KANEKO,TARO PI

YAMASHITA

PC C12N15/09,C07K16/18,C12P21/02,C12N15/00

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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917

Db 1 TTTTCTTTGG 10

RESULT 647

I84353 LOCUS 10 bp DNA linear PAT 04-APR-1998
DEFINITION Sequence 11 from patent US 5695932.
ACCESSION I84353

VERSION I84353.1 GI:3021873
KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 10)

AUTHORS West,M.D., Shay,J., Wright,W., Blackburn,E.H. and McEachern,M.J.

Telomerase activity assays for diagnosing pathogenic infections
Patent: US 5695932-A 11 09-DEC-1997;
Location/Qualifiers

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Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 941 TCATTGGTTT 950

Db 1 TCATTGGTTT 10

RESULT 648

AR204561 LOCUS 10 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 11 from patent US 6368789.
ACCESSION AR204561

VERSION AR204561.1 GI:21501919
KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 10)

AUTHORS West,M.D., Shay,J., Wright,W. and Blackburn,E.H.

TITLE Screening methods to identify inhibitors of telomerase activity
JOURNAL Patent: US 6368789-A 11 09-APR-2002;

LOCATION/Qualifiers

source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 941 TCATTGGTTT 950

Db 1 TCATTGGTTT 10

RESULT 649

AR222951 LOCUS 10 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 4 from patent US 6432640.
ACCESSION AR222951

VERSION AR222951.1 GI:23330789
KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 10)

AUTHORS Polyak,K., Vogelstein,B. and Kinzler,K.W.

TITLE P53-induced apoptosis

JOURNAL Patent: US 6432640-A 4 13-AUG-2002;

LOCATION/Qualifiers

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1..10
/organism="unknown"
/mol_type="genomic DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 932 CCTCTCTCTT 941

Db 1 CCTCTCTCTT 10

RESULT 650


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ACCESSION AR282626
VERSION AR282626.1 GI:29719224
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Anastasio,A.E., Finkel,K., Koshy,B. and Lee,H.
TITLE Haplotypes of the AGTR1 gene
JOURNAL Patent: US 6521747-A 22 18-FEB-2003;
FEATURES
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                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 902 TGGTCATTTT 911
Db 10 TGCTCATTTT 1
RESULT 656
AR322140
LOCUS AR322140
DEFINITION Sequence 7 from patent US 6566059.
ACCESSION AR322140
VERSION AR322140.1 GI:33707684
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Stanton,V.P. Jr., Wolfe,J.L. and Verdine,G.L.
TITLE Method for analyzing polynucleotides
JOURNAL Patent: US 6566059-A 7 20-MAY-2003;
FEATURES
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                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 929 TATCCCTCCT 938
Db 1 TATTCCTCCT 10
RESULT 657
AR344956
LOCUS AR344956
DEFINITION Sequence 7 from patent US 6582923.
ACCESSION AR344956
VERSION AR344956.1 GI:33741097
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Stanton,V.P. Jr., Wolfe,J.L., Kawate,T. and Verdine,G.L.
TITLE Method for analyzing polynucleotides
JOURNAL Patent: US 6582923-A 7 24-JUN-2003;
FEATURES
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        Location/Qualifiers
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Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 929 TATCCCTCCT 938
Db 1 TATTCCTCCT 10
RESULT 658
AR351850
LOCUS AR351850
DEFINITION Sequence 1659 from patent US 6588746.
ACCESSION AR351850
VERSION AR351850.1 GI:33753646
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Dobrindt,D. and Fischer,U.
TITLE Device for generating an offset of transported flexible sheet
JOURNAL Patent: US 6588746-A 1659 08-JUL-2003;
FEATURES
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        Location/Qualifiers
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                /organism="unknown"
                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 933 CCTCCTCTTC 942
Db 10 CATCCTCTTC 1
RESULT 659
AR351854
LOCUS AR351854
DEFINITION Sequence 1663 from patent US 6588746.
ACCESSION AR351854
VERSION AR351854.1 GI:33753650
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 10)
AUTHORS Dobrindt,D. and Fischer,U.
TITLE Device for generating an offset of transported flexible sheet
JOURNAL Patent: US 6588746-A 1663 08-JUL-2003;
FEATURES
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        Location/Qualifiers
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                /mol_type="genomic DNA"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 933 CCTCCTCTTC 942
Db 10 CATCCTCTTC 1
RESULT 660
AX008571
LOCUS AX008571
DEFINITION Sequence 8 from Patent W09966057.
ACCESSION AX008571
VERSION AX008571.1 GI:9996121
KEYWORDS
SOURCE Hordeum vulgare
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ORGANISM Hordeum vulgare
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Hordeum.
REFERENCE
AUTHORS Draper, J., Kenton, P. and Paul, W.
TITLE Inducible promoters
JOURNAL Patent: WO 996057-A 8 23-DEC-1999;
DRAPER JOHN (GB); KENTON PAUL (GB); BIOGENMA UK LTD (GB); PAUL
WYATT (GB)
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:4513"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTT 914
|||||
Db 1 TCATCTTCCTT 10

RESULT 661
AX113012/c
LOCUS AX113012 10 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 59 from Patent WO0127267.
ACCESSION AX113012
VERSION AX113012.1 GI:13939447
KEYWORDS
SOURCE Mus sp.
ORGANISM Mus sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS Adams, E., Waldmann, H., Cobbold, S. and Zelenika, D.
TITLE Genes differentially expressed in tr1 cells and their use in the
JOURNAL manufacture of immunoregulatory compositions
Patent: WO 0127267-A 59 19-APR-2001;
ISIS INNOVATION LIMITED (GB)
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
|||||
Db 10 TTTTCTTTGG 1

RESULT 662
AX113017
LOCUS AX113017 10 bp DNA linear PAT 01-MAY-2001
DEFINITION Sequence 64 from Patent WO0127267.
ACCESSION AX113017
VERSION AX113017.1 GI:13939452
KEYWORDS
SOURCE Mus sp.
ORGANISM Mus sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS Adams, E., Waldmann, H., Cobbold, S. and Zelenika, D.
TITLE Genes differentially expressed in tr1 cells and their use in the
JOURNAL manufacture of immunoregulatory compositions
Patent: WO 0127267-A 64 19-APR-2001;

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ISIS INNOVATION LIMITED (GB)
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 946 GGTTAATGT 955
|||||
Db 1 GGTAAATGT 10

RESULT 663
AX152664/c
LOCUS AX152664 10 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 579 from Patent WO0138577.
ACCESSION AX152664
VERSION AX152664.1 GI:14534315
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Veiculescu, V.E., Vogelstein, B. and Kinzler, K.W.
TITLE Human transcriptomes
JOURNAL Patent: WO 0138577-A 579 31-MAY-2001;
The Johns Hopkins University (US)
FEATURES Location/Qualifiers
source 1..10
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 928 TTATCCCTCC 937
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Db 10 TGATCCCTCC 1

RESULT 664
AX301537/c
LOCUS AX301537 10 bp DNA linear PAT 30-NOV-2001
DEFINITION Sequence 251 from Patent WO0185941.
ACCESSION AX301537
VERSION AX301537.1 GI:17382620
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Versteeg, R. and Caron, H.N.
TITLE MYC targets
JOURNAL Patent: WO 0185941-A 251 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Academisch Ziekenhuis
FEATURES Location/Qualifiers
source 1..10
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 947 GTTATGTA 956
Db 10 GTTATGTA 1

RESULT 665
AX301641/c
LOCUS AX301641 10 bp DNA linear PAT 30-NOV-2001
DEFINITION Sequence 355 from Patent WO0185941.
ACCESSION AX301641
VERSION AX301641.1 GI:17382724
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE Versteeg,R. and Caron,H.N.
AUTHORS
TITLE MYC targets
JOURNAL Patent: WO 0185941-A 355 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
FEATURES
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCTT 914
Db 10 TCATTTCTT 1

RESULT 666
AX362606/c
LOCUS AX362606 10 bp DNA linear PAT 15-FEB-2002
DEFINITION Sequence 40 from Patent WO0208425.
ACCESSION AX362606
VERSION AX362606.1 GI:18694750
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE Finkel,K. and Koshy,B.
AUTHORS
TITLE Haplotypes of the adrb3 gene
JOURNAL Patent: WO 0208425-A 40 31-JAN-2002;
Genaisance Pharmaceuticals, Inc. (US)
FEATURES
source
1..10
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 TTAATGATC 958
Db 10 TTAATGATC 1

RESULT 667
AX391459/c
LOCUS AX391459 10 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 22 from Patent EP184456.
ACCESSION AX391459
VERSION AX391459.1 GI:19700069

KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE Anastasio,A.E., Koshy,B., Finkel,K. and Lee,H.H.
AUTHORS
TITLE Haplotypes of the agtr1 gene
JOURNAL Patent: EP 1184456-A 22 08-MAR-2002;
Genaisance Pharmaceuticals, Inc. (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGGTCATTTT 911
Db 10 TGGTCATTTT 1

RESULT 668
AX668210/c
LOCUS AX668210 10 bp DNA linear PAT 26-MAR-2003
DEFINITION Sequence 1659 from Patent WO0242459.
ACCESSION AX668210
VERSION AX668210.1 GI:29291489
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1
REFERENCE Liu,Q.
AUTHORS
TITLE Position dependent recognition of gnn nucleotide triplets by zinc
fingers
JOURNAL Patent: WO 0242459-A 1659 30-MAY-2002;
Sangamo Biosciences Inc. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="example target DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 10 CATCCTCTTC 1

RESULT 669
AX668214/c
LOCUS AX668214 10 bp DNA linear PAT 26-MAR-2003
DEFINITION Sequence 1663 from Patent WO0242459.
ACCESSION AX668214
VERSION AX668214.1 GI:29291493
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1
REFERENCE Liu,Q.
AUTHORS
TITLE Position dependent recognition of gnn nucleotide triplets by zinc
fingers
JOURNAL Patent: WO 0242459-A 1663 30-MAY-2002;
Sangamo Biosciences Inc. (US)

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FEATURES
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      /mol_type="unassigned DNA"
      /db_xref="taxon:32630"
      /note="example target DNA"
  Query Match
    11.5%; Score 8.4; DB 1; Length 10;
  Best Local Similarity
    90.0%; Pred. No. 3.9e+02;
  Matches
    9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCTCTTC 942
Db 10 CATCTCTTC 1

RESULT 670
BD065211/c
LOCUS
  BD065211
  Characterization of the yeast transcriptome.
  DEFINITION
    BD065211
  ACCESSION
    BD065211.1 GI:22610814
  VERSION
    JP 2001509017-A/147.
  KEYWORDS
    Saccharomyces cerevisiae (baker's yeast)
  SOURCE
    Saccharomyces cerevisiae
  ORGANISM
    Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
    Saccharomycetales; Saccharomycetaceae; Saccharomyces.
  REFERENCE
    1 (bases 1 to 10)
    Velculescu,V.E., Vogelstein,B. and Kinzler,K.W.
    Characterization of the yeast transcriptome
    Patent: JP 2001509017-A/147 10-JUL-2001;
  TITLE
    THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
  JOURNAL
    OS Saccharomyces cerevisiae (yeast)
  COMMENT
    PN JP 2001509017-A/147
    PD 10-JUL-2001
    PF 22-JAN-1998 JP 1998532117
    PR 23-JAN-1997 US 60/035917
    P1 VICTOR E VELCULESCU,BERT VOGELSTEIN,KENNETH W KINZLER PC
    C12N15/10,C12N15/31,C07K14/395,C12Q1/68,C12Q1/02 CC
    Characterization of the yeast transcriptome
  FH Key Location/Qualifiers
  FT source
    1..10
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Query Match
  11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity
  90.0%; Pred. No. 3.9e+02;
Matches
  9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCTTTG 916
Db 1 ATTTATTTG 10

RESULT 672
BD083272
LOCUS
  BD083272
  Human matured/activated dendritic cell expression genes.
  DEFINITION
    BD083272
  ACCESSION
    BD083272.1 GI:22628882
  VERSION
    JP 2001327293-A/193.
  KEYWORDS
    Homo sapiens (human)
  SOURCE
    Homo sapiens
  ORGANISM
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
  REFERENCE
    1 (bases 1 to 10)
    Matsushima,K., Hashimoto,S., Suzuki,T. and Negai,S.
    Human matured/activated dendritic cell expression genes
    Patent: JP 2001327293-A 193 27-NOV-2001;
  TITLE
    JAPAN SCIENCE AND TECHNOLOGY CORP
  JOURNAL
    OS Homo sapiens (human)
  COMMENT
    PN JP 2001327293-A/193
    PD 27-NOV-2001
    PF 22-MAY-2000 JP 2000150562
    P1 KOJI MATSUSHIMA,SHINICHI HASHIMOTO,TAKUJI SUZUKI,SHIGENORI PI
    NAGAI
    PC C12N15/09,C07K14/47,C07K16/18//C12P21/02,C12P21/08,C12N15/00
    CC
    FH Key Location/Qualifiers
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    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

Query Match
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Best Local Similarity
  90.0%; Pred. No. 3.9e+02;
Matches
  9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 915 TGGTCTTTG 924
Db 1 TGGTCTTTG 10

RESULT 673
BD091126
LOCUS
  BD091126
  P53-induced apoptosis.
  DEFINITION
    BD091126
  ACCESSION
    BD091126.1 GI:22636736
  VERSION
    BD091126.1

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CC Human liver disease-expressing genes
FH Key Location/Qualifiers
FT source
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  /db_xref="taxon:32644"
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    /mol_type="genomic DNA"
    /db_xref="taxon:32644"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 907 ATTTCTCTTG 916
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Db 10 ATTTATTTG 1

RESULT 677
LOCUS BD166956 10 bp DNA linear PAT 17-JAN-2003
DEFINITION Human liver disease-expressing genes.
ACCESSION BD166956
VERSION BD166956.1 GI:27872768
KEYWORDS JP 2002209591-A/501.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
TITLE Human liver disease-expressing genes
JOURNAL Patent: JP 2002209591-A 501 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Homo sapiens (human)
PN JP 2002209591-A/501
PD 30-JUL-2002
PF 19-JAN-2001 JP 2001012328
PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
YAMASHITA
PC C12N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/02,
PC C12P21/08,
PC C12N15/00
CC Human liver disease-expressing genes
FH Key Location/Qualifiers
FT source
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  /organism="Homo sapiens (human)"
  /db_xref="taxon:32644"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 908 TTTTCTCTTG 917
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Db 1 TTTTCTCTG 10

RESULT 678
LOCUS BD167130 10 bp DNA linear PAT 17-JAN-2003
DEFINITION Human liver disease-expressing genes.
ACCESSION BD167130
VERSION BD167130.1 GI:27872942
KEYWORDS JP 2002209591-A/675.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 10)
AUTHORS Matsushima,K., Hashimoto,S., Kaneko,S. and Yamashita,T.
TITLE Human liver disease-expressing genes
JOURNAL Patent: JP 2002209591-A 675 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Homo sapiens (human)
PN JP 2002209591-A/675
PD 30-JUL-2002
PF 19-JAN-2001 JP 2001012328
PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
YAMASHITA
PC C12N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/02,
PC C12P21/08,
PC C12N15/00
CC Human liver disease-expressing genes
FH Key Location/Qualifiers
FT source
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  /mol_type="genomic DNA"
  /db_xref="taxon:32644"
Query Match 11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 908 TTTTCTCTTG 917
  |||||
Db 1 TTTTCTCTG 10

RESULT 679
LOCUS A46920 11 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 4 from Patent WO9528500.
ACCESSION A46920
VERSION A46920.1 GI:2300949
KEYWORDS SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Fouchier,R.A. and Schuitemaker,J.
TITLE NUCLEIC ACIDS AND METHODS FOR THE DISCRIMINATION BETWEEN SYNCYTIIUM INDUCING AND NON SYNCYTIIUM INDUCING VARIANTS OF THE HUMAN IMMUNODEFICIENCY VIRUS
JOURNAL Patent: WO 9528500-A 4 26-OCT-1995;
STICHTING CENTRAAL LAB (NL)
COMMENT Other publication AU 2150095 951110.
FEATURES
  source
    1..11
    /organism="unidentified"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32644"
Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 905 TCATTTCCTT 914
  |||||
Db 11 TCATTTCCTT 2

RESULT 680
LOCUS A49097 11 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 13 from Patent WO9606171.
ACCESSION A49097
VERSION A49097.1 GI:2302653
KEYWORDS SOURCE unidentified

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ORGANISM unidentified
REFERENCE 1 (bases 1 to 11)
AUTHORS Delecluse A. and Thierry, I.
TITLE NEW POLYPEPTIDES HAVING A TOXIC ACTIVITY AGAINST INSECTS OF THE
DIPTERA FAMILY
JOURNAL Patent: WO 9606171-A 13 29-FEB-1996;
COMMENT PASTEUR INSTITUT (FR)
FEATURES Other publication FR 2723961 960301.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 932 CCTCTCTCTT 941
|||||
Db 11 CCTCTCTCTT 2

RESULT 681
LOCUS AR029875 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 64 from patent US 5861244.
ACCESSION AR029875
VERSION AR029875.1 GI:5943089
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 64 19-JAN-1999;
FEATURES Location/Qualifiers
source 1. .11
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTGCGCTTTT 929
|||||
Db 2 TTGCGCTTTT 11

RESULT 682
LOCUS AR029910 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 99 from patent US 5861244.
ACCESSION AR029910
VERSION AR029910.1 GI:5943124
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 99 19-JAN-1999;
FEATURES Location/Qualifiers
source 1. .11
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 922 TTGCGCTTTT 929
|||||
Db 2 TTGCGCTTTT 11

RESULT 683
LOCUS AR029932 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 121 from patent US 5861244.
ACCESSION AR029932
VERSION AR029932.1 GI:5943146
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Wang, C.-G. and Hepburn, A.G.
TITLE Genetic sequence assay using DNA triple strand formation
JOURNAL Patent: US 5861244-A 121 19-JAN-1999;
FEATURES Location/Qualifiers
source 1. .11
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/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCTCTT 940
|||||
Db 2 TCCCTCTCTT 11

RESULT 684
LOCUS AR030246 11 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 57 from patent US 5861246.
ACCESSION AR030246
VERSION AR030246.1 GI:5943460
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Weissman, S.M., Mallur, G.N. and Kulkarni, P.
TITLE Multiple selection process for binding sites of DNA-binding
proteins
JOURNAL Patent: US 5861246-A 57 19-JAN-1999;
FEATURES Location/Qualifiers
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/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 925 CTTTATCC 934
|||||
Db 10 CGTTATCC 1

RESULT 685
LOCUS AR091412 11 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 2 from patent US 594109.
ACCESSION AR091412
VERSION AR091412.1 GI:10018167
KEYWORDS
SOURCE Unknown.
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ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter system and methods of use
JOURNAL      Patent: US 5994109-A 2 30-NOV-1999;
FEATURES      Location/Qualifiers
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               /mol_type="unassigned DNA"
               11.5%; Score 8.4; DB 1; Length 11;
               Best Local Similarity 90.0%; Pred. No. 4.2e+02;
               Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCCTCT 940
Db      2 TTCTCTCTCT 11

RESULT 686
LOCUS      AR091426                11 bp      DNA      linear      PAT 07-SEP-2000
DEFINITION Sequence 16 from patent US 5994109.
ACCESSION  AR091426
VERSION     AR091426.1 GI:10018181
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter system and methods of use
JOURNAL      Patent: US 5994109-A 16 30-NOV-1999;
FEATURES      Location/Qualifiers
               source
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               11.5%; Score 8.4; DB 1; Length 11;
               Best Local Similarity 90.0%; Pred. No. 4.2e+02;
               Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCCTCT 940
Db      2 TTCTCTCTCT 11

RESULT 687
LOCUS      AR097609                11 bp      DNA      linear      PAT 14-FEB-2001
DEFINITION Sequence 15 from patent US 6071877.
ACCESSION  AR097609
VERSION     AR097609.1 GI:12806339
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Delecluse,A. and Thiery,I.
TITLE        Polypeptides having a toxic activity against insects of the
JOURNAL      Patent: US 6071877-A 15 06-JUN-2000;
FEATURES      Location/Qualifiers
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               /mol_type="unassigned DNA"
               11.5%; Score 8.4; DB 1; Length 11;
               Best Local Similarity 90.0%; Pred. No. 4.2e+02;
               Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      932 CCCTCTCTCT 941

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Db      11 CCTCTCTCT 2

RESULT 688
LOCUS      AR125617                11 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 2 from patent US 6177554.
ACCESSION  AR125617
VERSION     AR125617.1 GI:14111679
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter systems
JOURNAL      Patent: US 6177554-A 2 23-JAN-2001;
FEATURES      Location/Qualifiers
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               /mol_type="unassigned DNA"
               11.5%; Score 8.4; DB 1; Length 11;
               Best Local Similarity 90.0%; Pred. No. 4.2e+02;
               Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCTCTCT 940
Db      2 TTCTCTCTCT 11

RESULT 689
LOCUS      AR125631                11 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION Sequence 16 from patent US 6177554.
ACCESSION  AR125631
VERSION     AR125631.1 GI:14111693
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
TITLE        Nucleic acid transporter systems
JOURNAL      Patent: US 6177554-A 16 23-JAN-2001;
FEATURES      Location/Qualifiers
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               /mol_type="unassigned DNA"
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               Best Local Similarity 90.0%; Pred. No. 4.2e+02;
               Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      931 TCCCTCTCTCT 940
Db      2 TTCTCTCTCT 11

RESULT 690
LOCUS      I03845                  11 bp      DNA      linear      PAT 02-DEC-1994
DEFINITION Sequence 2 from Patent EP 0068693.
ACCESSION  I03845
VERSION     I03845.1 GI:591984
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE    1 (bases 1 to 11)
AUTHORS      Kleid,D.G. and Vansura,D.G.
TITLE        Production of foot and mouth disease vaccine from microbially

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expressed antigens
JOURNAL Patent: EP 0068693-A2 2 05-JAN-1983;
FEATURES Location/Qualifiers
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      /organism="unknown"
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Query Match
  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CTTCTCTTC 11

RESULT 691
LOCUS I03848 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 5 from Patent EP 0068693.
ACCESSION I03848
VERSION I03848.1 GI:591987
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Kleid,D.G. and Yansura,D.G.
TITLE Production of foot and mouth disease vaccine from microbially
expressed antigens
JOURNAL Patent: EP 0068693-A2 5 05-JAN-1983;
FEATURES Location/Qualifiers
  source
    1..11
      /organism="unknown"
      /mol_type="unassigned DNA"

Query Match
  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CCTCTCTTC 11

RESULT 692
LOCUS I03851 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 8 from Patent EP 0068693.
ACCESSION I03851
VERSION I03851.1 GI:591990
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Kleid,D.G. and Yansura,D.G.
TITLE Production of foot and mouth disease vaccine from microbially
expressed antigens
JOURNAL Patent: EP 0068693-A2 8 05-JAN-1983;
FEATURES Location/Qualifiers
  source
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Query Match
  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CCTCCTCTTC 11

expressed antigens
JOURNAL Patent: EP 0068693-A2 2 05-JAN-1983;
FEATURES Location/Qualifiers
  source
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Query Match
  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CTTCTCTTC 11

RESULT 691
LOCUS I03848 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 5 from Patent EP 0068693.
ACCESSION I03848
VERSION I03848.1 GI:591987
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Kleid,D.G. and Yansura,D.G.
TITLE Production of foot and mouth disease vaccine from microbially
expressed antigens
JOURNAL Patent: EP 0068693-A2 5 05-JAN-1983;
FEATURES Location/Qualifiers
  source
    1..11
      /organism="unknown"
      /mol_type="unassigned DNA"

Query Match
  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CCTCTCTTC 11

RESULT 692
LOCUS I03851 11 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 8 from Patent EP 0068693.
ACCESSION I03851
VERSION I03851.1 GI:591990
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS Kleid,D.G. and Yansura,D.G.
TITLE Production of foot and mouth disease vaccine from microbially
expressed antigens
JOURNAL Patent: EP 0068693-A2 8 05-JAN-1983;
FEATURES Location/Qualifiers
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Query Match
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CCTCCTCTTC 11

expressed antigens
JOURNAL Patent: EP 0068693-A2 2 05-JAN-1983;
FEATURES Location/Qualifiers
  source
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Query Match
  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTC 942
Db 2 CTTCTCTTC 11

RESULT 691
LOCUS I03848 11 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 24 from patent US 5614398.
ACCESSION I38544
VERSION I38544.1 GI:2084598
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS O'Brochta,D., Warren,W. and Atkinson,P.
TITLE Gene transfer system for insects
JOURNAL Patent: US 5614398-A 24 25-MAR-1997;
FEATURES Location/Qualifiers
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Query Match
  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
Db 11 TTTCATCCCT 2

RESULT 694
LOCUS I38545 11 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 25 from patent US 5614398.
ACCESSION I38545
VERSION I38545.1 GI:2084599
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS O'Brochta,D., Warren,W. and Atkinson,P.
TITLE Gene transfer system for insects
JOURNAL Patent: US 5614398-A 25 25-MAR-1997;
FEATURES Location/Qualifiers
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Query Match
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
Db 1 TTTCATCCCT 10

RESULT 695
LOCUS I38546 11 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 26 from patent US 5614398.
ACCESSION I38546
VERSION I38546.1 GI:2084600
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 11)
AUTHORS O'Brochta,D., Warren,W. and Atkinson,P.
TITLE Gene transfer system for insects
JOURNAL Patent: US 5614398-A 26 25-MAR-1997;
FEATURES Location/Qualifiers
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
|||||
Db 11 TTTCATCCCT 2

RESULT 696
I38547
LOCUS      11 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION Sequence 27 from patent US 5614398.
ACCESSION  I38547
VERSION    I38547.1 GI:2084601
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   O'Brochta,D., Warren,W. and Atkinson,P.
TITLE     Gene transfer system for insects
JOURNAL   Patent: US 5614398-A 27 25-MAR-1997;
FEATURES   Location/Qualifiers
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
|||||
Db 1 TTTCATCCCT 10

RESULT 697
I38549
LOCUS      11 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION Sequence 29 from patent US 5614398.
ACCESSION  I38549
VERSION    I38549.1 GI:2084603
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   O'Brochta,D., Warren,W. and Atkinson,P.
TITLE     Gene transfer system for insects
JOURNAL   Patent: US 5614398-A 29 25-MAR-1997;
FEATURES   Location/Qualifiers
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
|||||
Db 1 TTTCATCCCT 10

RESULT 698
I38549
LOCUS      11 bp      DNA      linear      PAT 07-OCT-1997
DEFINITION Sequence 16 from patent US 5663070.
ACCESSION  I63528
VERSION    I63528.1 GI:2481101
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Barr,P.J., Shapiro,J.P. and Kiefer,M.C.
TITLE     Recombinant production of a soluble splice variant of the Fas
JOURNAL   (Apo-1) antigen, fas TM
FEATURES   Patent: US 5663070-A 16 02-SEP-1997;
            Location/Qualifiers
            source
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            /mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 930 ATCCCTCCTC 939
|||||
Db 10 ATCCTTCCTC 1

RESULT 699
I63528/c
LOCUS      11 bp      DNA      linear      PAT 07-OCT-1997
DEFINITION Sequence 16 from patent US 5663070.
ACCESSION  I63528
VERSION    I63528.1 GI:2481101
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Barr,P.J., Shapiro,J.P. and Kiefer,M.C.
TITLE     Recombinant production of a soluble splice variant of the Fas
JOURNAL   (Apo-1) antigen, fas TM
FEATURES   Patent: US 5663070-A 16 02-SEP-1997;
            Location/Qualifiers
            source
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 930 ATCCCTCCTC 939
|||||
Db 10 ATCCTTCCTC 1

RESULT 700
AR207570/c
LOCUS      11 bp      DNA      linear      PAT 20-JUN-2002
DEFINITION Sequence 4 from patent US 6379881.
ACCESSION  AR207570
VERSION    AR207570.1 GI:21507358
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 11)
AUTHORS   Fouchier,R.,Adrianus, and Schuitemaker,C.
TITLE     Nucleic acids and methods for the discrimination between syncytium
            inducing and non syncytium inducing variants of the human
            immunodeficiency virus
JOURNAL   Patent: US 6379881-A 4 30-APR-2002;
FEATURES   Location/Qualifiers
            source
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            /mol_type="unassigned DNA"
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTT 914
DB 11 TCATTTCCTT 2

RESULT 701
AR266648
LOCUS AR266648 11 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 1 from patent US 6495320.
ACCESSION AR266648
VERSION AR266648.1 GI:29695712
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 11)
AUTHORS Lockhart,D.J., Lai,C.-Q. and Gunderson,K.L.
TITLE Even length proportional amplification of nucleic acids
JOURNAL Patent: US 6495320-A 1 17-DEC-2002;
FEATURES
source 1..11
/organism="unknown"
/mol_type="genomic DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 931 TCCTCTCTCT 940
DB 2 TCCTCTCTCT 11

RESULT 702
AR364706/c
LOCUS AR364706 11 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 1 from patent US 542251.
ACCESSION AR364706
VERSION AR364706.1 GI:34427641
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 11)
AUTHORS Fresco,J.R.
TITLE Triple-stranded nucleic acids
JOURNAL Patent: US 542251-A 1 06-JUN-1995;
FEATURES
source 1..11
/organism="unknown"
/mol_type="genomic DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCTCTCTC 942
DB 10 CCTCTCTCTC 1

RESULT 703
AX393082/c
LOCUS AX393082 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 12 from Patent WO0210217.
ACCESSION AX393082
VERSION AX393082.1 GI:19701132
KEYWORDS
SOURCE Homo sapiens (human)

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTTTC 912
DB 11 GGTCAATTTTC 2

RESULT 705
AX393234/c
LOCUS AX393234 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 164 from Patent WO0210217.
ACCESSION AX393234
VERSION AX393234.1 GI:19701284
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 164 07-FEB-2002;
FEATURES
source 1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 925 CTTTATCC 934
DB 10 CTTTATCC 1

RESULT 704
AX393201/c
LOCUS AX393201 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 131 from Patent WO0210217.
ACCESSION AX393201
VERSION AX393201.1 GI:19701251
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 131 07-FEB-2002;
FEATURES
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/db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 925 CTTTATCC 934
DB 10 CTTTATCC 1

RESULT 704
AX393201/c
LOCUS AX393201 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 131 from Patent WO0210217.
ACCESSION AX393201
VERSION AX393201.1 GI:19701251
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 131 07-FEB-2002;
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/db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 903 GGTCAATTTTC 912
DB 11 GGTCAATTTTC 2

RESULT 705
AX393234/c
LOCUS AX393234 11 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 164 from Patent WO0210217.
ACCESSION AX393234
VERSION AX393234.1 GI:19701284
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 164 07-FEB-2002;
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 919 CTTCGCTTT 928
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Db 11 CTGCTCTTT 2

RESULT 706
AX470425/c

LOCUS AX470425 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 2 from Patent WO02053773.
ACCESSION AX470425
VERSION AX470425.1 GI:22205550
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 2 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
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Db 10 TTTAATGTTT 1

RESULT 707
AX470495/c

LOCUS AX470495 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 72 from Patent WO02053773.
ACCESSION AX470495
VERSION AX470495.1 GI:22205620
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 72 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 920 TTTCGCTTTT 929
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Db 11 TTTCGCTCTT 2

RESULT 708
AX470514

LOCUS AX470514 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 91 from Patent WO02053773.
ACCESSION AX470514
VERSION AX470514.1 GI:22205639
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 91 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
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Location/Qualifiers
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCCTTTGG 917
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Db 2 TTGCTTTGG 11

RESULT 709
AX470551/c

LOCUS AX470551 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 128 from Patent WO02053773.
ACCESSION AX470551
VERSION AX470551.1 GI:22205676
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Hofmann, K., Conradt, M. and Petersohn, D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 128 11-JUL-2002;
HENKEL KGAA (DE)

FEATURES
source
1. .11
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 901 CTGCTCATTT 910
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Db 11 CTGCTCATTT 2

RESULT 710
AX470586/c

LOCUS AX470586 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 163 from Patent WO02053773.
ACCESSION AX470586
VERSION AX470586.1 GI:22205711
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;


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Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 163 11-JUL-2002;
HENKEL KGAA (DE)
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source Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 926 TTTTATCCCT 935
Db 10 TTTTTCCT 1

RESULT 711
AX470593/c
LOCUS AX470593 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 170 from Patent WO02053773.
ACCESSION AX470593
VERSION AX470593.1 GI:22205718
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 170 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 906 CATTTCCTTT 915
Db 10 CACTTTCCTT 1

RESULT 712
AX470627/c
LOCUS AX470627 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 204 from Patent WO02053773.
ACCESSION AX470627
VERSION AX470627.1 GI:22205752
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 204 11-JUL-2002;
HENKEL KGAA (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
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REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 353 11-JUL-2002;
HENKEL KGAA (DE)
FEATURES
source Location/Qualifiers
1. .11
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 925 CTTTATCCCT 934
Db 10 CTTTATCCCT 1

RESULT 714
AX470874/c
LOCUS AX470874 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 451 from Patent WO02053773.
ACCESSION AX470874
VERSION AX470874.1 GI:22205999
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
TITLE Method for determining skin stress or skin ageing in vitro
JOURNAL Patent: WO 02053773-A 451 11-JUL-2002;
HENKEL KGAA (DE)
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
Db 10 TTTAATGTAT 1

RESULT 715

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AX470961/c
 LOCUS AX470961 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 538 from Patent WO02053773.
 ACCESSION AX470961
 VERSION AX470961.1 GI:22206086
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 538 11-JUL-2002;
 HENKEL KGAA (DE)
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 QY 906 CATTTCCTTT 915
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 Db 11 CATTTCCTTT 2
 RESULT 716
 AX471036 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471036 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 613 from Patent WO02053773.
 ACCESSION AX471036
 VERSION AX471036.1 GI:22206161
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 613 11-JUL-2002;
 HENKEL KGAA (DE)
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 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 905 TCATTTCCTT 914
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 Db 2 TCATTTCCTT 11
 RESULT 717
 AX471173 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471173 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 750 from Patent WO02053773.
 ACCESSION AX471173
 VERSION AX471173.1 GI:22206298
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1

AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 750 11-JUL-2002;
 HENKEL KGAA (DE)
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 QY 919 CTTTCCTTT 928
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 Db 2 CTTTCCTTT 11
 RESULT 718
 AX471239/c 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471239 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 816 from Patent WO02053773.
 ACCESSION AX471239
 VERSION AX471239.1 GI:22206364
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 816 11-JUL-2002;
 HENKEL KGAA (DE)
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 QY 928 TTATCCCTCC 937
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 Db 10 TGATCCCTCC 1
 RESULT 719
 AX471444 11 bp DNA linear PAT 09-AUG-2002
 LOCUS AX471444 11 bp DNA linear PAT 09-AUG-2002
 DEFINITION Sequence 1021 from Patent WO02053773.
 ACCESSION AX471444
 VERSION AX471444.1 GI:22206569
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hofmann,K., Conradt,M. and Petersohn,D.
 TITLE Method for determining skin stress or skin ageing in vitro
 JOURNAL Patent: WO 02053773-A 1021 11-JUL-2002;
 HENKEL KGAA (DE)
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 Db 10 TGATCCCTCC 1

Best Local Similarity 90.0%; Pred. No. 4.2e+02; Mismatches 0; Indels 0; Gaps 0; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTGCTTTT 929
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Db 1 TTTTCTTTT 10

RESULT 720
AX471496
LOCUS AX471496 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 1073 from Patent WO02053773.
ACCESSION AX471496
VERSION AX471496.1 GI:22206621
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Hofmann,K., Conradt,M. and Petersohn,D.
AUTHORS Method for determining skin stress or skin ageing in vitro
TITLE Patent: WO 02053773-A 1073 11-JUL-2002;
JOURNAL HENKEL KGAA (DE)

FEATURES
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Qy 908 TTTTCTTTG 917
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Db 2 TTTTGTGTTG 11

RESULT 721
AX471645/c
LOCUS AX471645 11 bp DNA linear PAT 09-AUG-2002
DEFINITION Sequence 1222 from Patent WO02053773.
ACCESSION AX471645
VERSION AX471645.1 GI:22206770
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Hofmann,K., Conradt,M. and Petersohn,D.
AUTHORS Method for determining skin stress or skin ageing in vitro
TITLE Patent: WO 02053773-A 1222 11-JUL-2002;
JOURNAL HENKEL KGAA (DE)

FEATURES
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Qy 944 TTGTTTAAT 953
|||||
Db 11 TTGTTGAAT 2

RESULT 722
AX471853
LOCUS AX471853 11 bp DNA linear PAT 09-AUG-2002

Sequence 1430 from Patent WO02053773.
ACCESSION AX471853 11 bp DNA linear PAT 21-FEB-2003
VERSION AX471853.1 GI:22206978
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Hofmann,K., Conradt,M. and Petersohn,D.
AUTHORS Method for determining skin stress or skin ageing in vitro
TITLE Patent: WO 02053773-A 1430 11-JUL-2002;
JOURNAL HENKEL KGAA (DE)

FEATURES
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Best Local Similarity 90.0%; Pred. No. 4.2e+02; Mismatches 0; Indels 0; Gaps 0; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 903 GGTCATTTTC 912
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Db 2 GGTCATTTTC 11

RESULT 723
AX623102
LOCUS AX623102 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 143 from Patent WO02053774.
ACCESSION AX623102
VERSION AX623102.1 GI:28451043
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 143 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
Location/Qualifiers
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02; Mismatches 0; Indels 0; Gaps 0; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTTCTTTG 916
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Db 2 ATTTTATTTG 11

RESULT 724
AX623240
LOCUS AX623240 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 281 from Patent WO02053774.
ACCESSION AX623240
VERSION AX623240.1 GI:28451181
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS Method for determining homeostasis of the skin
TITLE Patent: WO 02053774-A 281 11-JUL-2002;
JOURNAL Henkel Kommanditgesellschaft auf Aktien (DE)

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JOURNAL      Patent: WO 02053774-A 281 11-JUL-2002;
FEATURES      Henkel Kommanditgesellschaft auf Aktien (DE)
SOURCE        Location/Qualifiers
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Query Match   11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 927 TTTATCCCTC 936
Db 1 TTTATCCCTC 10

RESULT 725
AX623350/c
LOCUS          AX623350          11 bp      DNA          linear          PAT 21-FEB-2003
DEFINITION     Sequence 391 from Patent WO02053774.
ACCESSION      AX623350
VERSION        AX623350.1 GI:28451291
KEYWORDS
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Petersohn,D., Conradt,M. and Hofmann,K.
TITLE          Method for determining homeostasis of the skin
JOURNAL        Patent: WO 02053774-A 391 11-JUL-2002;
               Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES       Location/Qualifiers
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               /db_xref="taxon:9606"

Query Match   11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 906 CATTTTCTTT 915
Db 11 CATTTATTT 2

RESULT 726
AX623620
LOCUS          AX623620          11 bp      DNA          linear          PAT 21-FEB-2003
DEFINITION     Sequence 661 from Patent WO02053774.
ACCESSION      AX623620
VERSION        AX623620.1 GI:28451561
KEYWORDS
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Petersohn,D., Conradt,M. and Hofmann,K.
TITLE          Method for determining homeostasis of the skin
JOURNAL        Patent: WO 02053774-A 661 11-JUL-2002;
               Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES       Location/Qualifiers
               source
               1..11
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               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"

Query Match   11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTCTTT 914
Db 10 TCATTTCTTT 1

RESULT 729
AX623873/c
LOCUS          AX623873          11 bp      DNA          linear          PAT 21-FEB-2003
DEFINITION     Sequence 914 from Patent WO02053774.
ACCESSION      AX623873

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VERSION      AX623873.1  GI:28451814
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 914 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source       Location/Qualifiers
             1..11
               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"
Query Match  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches      9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy           903 GGTCAATTC 912
             |||||
Db           11 GGTCAATTC 2
             |||||
RESULT 730
AX624195
LOCUS        AX624195
DEFINITION   Sequence 1236 from Patent WO02053774.
ACCESSION    AX624195
VERSION      AX624195.1  GI:28452136
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 1236 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source       Location/Qualifiers
             1..11
               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"
Query Match  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches      9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy           920 TTTCCTTTT 929
             |||||
Db           1 TTTCCTTTT 10
             |||||
RESULT 731
AX624505
LOCUS        AX624505
DEFINITION   Sequence 1546 from Patent WO02053774.
ACCESSION    AX624505
VERSION      AX624505.1  GI:28452446
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 1546 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source       Location/Qualifiers
             1..11
               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"
Query Match  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches      9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy           919 CTTTCCTTTT 928
             |||||
Db           2 CTTTCCTTTT 11
             |||||
RESULT 732
AX624561
LOCUS        AX624561
DEFINITION   Sequence 1602 from Patent WO02053774.
ACCESSION    AX624561
VERSION      AX624561.1  GI:28452502
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 1602 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source       Location/Qualifiers
             1..11
               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"
Query Match  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches      9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy           900 CCTGCTCATTT 909
             |||||
Db           2 CCTGCTCATTT 11
             |||||
RESULT 733
AX624664
LOCUS        AX624664
DEFINITION   Sequence 1705 from Patent WO02053774.
ACCESSION    AX624664
VERSION      AX624664.1  GI:28452605
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Petersohn,D., Conradt,M. and Hofmann,K.
TITLE        Method for determining homeostasis of the skin
JOURNAL      Patent: WO 02053774-A 1705 11-JUL-2002;
             Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source       Location/Qualifiers
             1..11
               /organism="Homo sapiens"
               /mol_type="unassigned DNA"
               /db_xref="taxon:9606"
Query Match  11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches      9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy           905 TCATTTTCTT 914
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Db           905 TCATTTTCTT 914
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**VERSION
KEYWORDS**

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTCCTCTTT 929
Db 2 TTTCCTTTT 11

RESULT 739
AX625195/c
LOCUS
DEFINITION Sequence 2236 from Patent WO02053774.
ACCESSION AX625195
VERSION AX625195.1 GI:28453136
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 2236 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCTCTTC 942
Db 10 CCTCTCTTC 1

RESULT 740
AX625204
LOCUS
DEFINITION Sequence 2245 from Patent WO02053774.
ACCESSION AX625204
VERSION AX625204.1 GI:28453145
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 2245 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 905 TCATTTCTT 914
Db 2 TCATTTCTT 11

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTCCTCTTT 929
Db 2 TTTCCTTTT 11

RESULT 741
AX625434/c
LOCUS
DEFINITION Sequence 2475 from Patent WO02053774.
ACCESSION AX625434
VERSION AX625434.1 GI:28453375
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 2475 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 919 CTTCCTCTTT 928
Db 11 CTTCCTCTTT 2

RESULT 742
AX625439/c
LOCUS
DEFINITION Sequence 2480 from Patent WO02053774.
ACCESSION AX625439
VERSION AX625439.1 GI:28453380
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Petersohn,D., Conradt,M. and Hofmann,K.
AUTHORS
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 2480 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
1..11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTCCTCTTG 917
Db 11 TTTCCTCTTG 2

RESULT 743
AX625739/c
LOCUS
DEFINITION Sequence 2780 from Patent WO02053774.
ACCESSION AX625739
VERSION AX625739.1 GI:28453680
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 2780 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 931 TCCCTCCTCT 940
|||||
Db 10 TCCCTCCACT 1

RESULT 744
AX625853/c
LOCUS
AX625853
DEFINITION
Sequence 2894 from Patent WO02053774.
ACCESSION
AX625853.1 GI:28453891
VERSION
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 2894 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 921 TTGCCTTTTA 930
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Db 11 TTGCATTTTA 2

RESULT 745
AX625946/c
LOCUS
AX625946
DEFINITION
Sequence 2987 from Patent WO02053774.
ACCESSION
AX625946
VERSION
AX625946.1 GI:28453984
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 2987 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"

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/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 906 CATTTCTCTT 915
|||||
Db 11 CATTTGTCTT 2

RESULT 746
AX626046
LOCUS
AX626046
DEFINITION
Sequence 3087 from Patent WO02053774.
ACCESSION
AX626046
VERSION
AX626046.1 GI:28454084
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 3087 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 911 TCTTTGTCTT 920
|||||
Db 1 TCTTTCTCTT 10

RESULT 747
AX626090
LOCUS
AX626090
DEFINITION
Sequence 3131 from Patent WO02053774.
ACCESSION
AX626090
VERSION
AX626090.1 GI:28454128
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS
Petersohn,D., Conradt,M. and Hofmann,K.
TITLE
Method for determining homeostasis of the skin
JOURNAL
Patent: WO 02053774-A 3131 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
source
1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCTCTCTT 942
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Db 1 CCTCTCTCTG 10

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REFERENCE
AUTHORS    Petersohn,D., Conradt,M. and Hofmann,K.
TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3425 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source     1. .11
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           /mol_type="unassigned DNA"
           /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      933  CCTCCTCTTTC 942
Db      11   CCTCCTCGTC 2

RESULT 751
AX626518
LOCUS      AX626518      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 3559 from Patent WO02053774.
ACCESSION  AX626518
VERSION     AX626518.1 GI:28454556
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS    Petersohn,D., Conradt,M. and Hofmann,K.
TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3559 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source     1. .11
           /organism="Homo sapiens"
           /mol_type="unassigned DNA"
           /db_xref="taxon:9606"

Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      906  CATTTTCTTT 915
Db      1   CATTTTATT 10

RESULT 752
AX626672/c
LOCUS      AX626672      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 3713 from Patent WO02053774.
ACCESSION  AX626672
VERSION     AX626672.1 GI:28454710
KEYWORDS    Homo sapiens (human)
SOURCE      Homo sapiens
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
AUTHORS    Petersohn,D., Conradt,M. and Hofmann,K.
TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3713 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
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source     1. .11
           /organism="Homo sapiens"
           /mol_type="unassigned DNA"
           /db_xref="taxon:9606"

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Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 909 TTTCTTTGGT 918
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 Db 11 TTTTCTTGGT 2

RESULT 753
 AX626739/c
 LOCUS AX626739 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 3780 from Patent WO02053774.
 ACCESSION AX626739
 VERSION AX626739.1 GI:28454777
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3780 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
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 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 933 CCTCCTCTTC 942
 ||| |||||
 Db 10 CCTCCTCTC 1

RESULT 754
 AX626768/c
 LOCUS AX626768 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 3809 from Patent WO02053774.
 ACCESSION AX626768
 VERSION AX626768.1 GI:28454806
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3809 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
 source 1..11
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 916 GGTCTTGGC 925
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 Db 10 GGTCTTGGC 1

RESULT 755
 AX626775/c

LOCUS AX626775 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 3816 from Patent WO02053774.
 ACCESSION AX626775
 VERSION AX626775.1 GI:28454813
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3816 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
 Location/Qualifiers
 source 1..11
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 11.5%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 909 TTTCTTTGGT 918
 ||| |||||
 Db 11 TTTCTTTGGT 2

RESULT 756
 AX626792
 LOCUS AX626792 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 3833 from Patent WO02053774.
 ACCESSION AX626792
 VERSION AX626792.1 GI:28454830
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 3833 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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 /organism="Homo sapiens"
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
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Qy 905 TCATTTTCTT 914
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 Db 1 TCATTTTCTT 10

RESULT 757
 AX626855/c
 LOCUS AX626855 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 3896 from Patent WO02053774.
 ACCESSION AX626855
 VERSION AX626855.1 GI:28454893
 KEYWORDS Homo sapiens (human)
 SOURCE
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.

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TITLE      Method for determining homeostasis of the skin
JOURNAL    Patent: WO 02053774-A 3896 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 926 TTTTATCCCT 935
Db 10 TTTTTCCT 1

RESULT 758
AX626863/c
LOCUS      AX626863
DEFINITION Sequence 3904 from Patent WO02053774.
ACCESSION AX626863
VERSION    AX626863.1 GI:28454901
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS   Petersohn,D., Conradt,M. and Hofmann,K.
TITLE     Method for determining homeostasis of the skin
JOURNAL   Patent: WO 02053774-A 3904 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
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Best Local Similarity  11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 927 TTTATCCCTC 936
Db 10 TTTTTCCTC 1

RESULT 759
AX626871
LOCUS      AX626871
DEFINITION Sequence 3912 from Patent WO02053774.
ACCESSION AX626871
VERSION    AX626871.1 GI:28454909
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS   Petersohn,D., Conradt,M. and Hofmann,K.
TITLE     Method for determining homeostasis of the skin
JOURNAL   Patent: WO 02053774-A 3912 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
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Best Local Similarity  11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 929 TTTTTCCTTT 929
Db 11 TTTTTCCTTT 2

RESULT 760
AX626895
LOCUS      AX626895
DEFINITION Sequence 3936 from Patent WO02053774.
ACCESSION AX626895
VERSION    AX626895.1 GI:28454933
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS   Petersohn,D., Conradt,M. and Hofmann,K.
TITLE     Method for determining homeostasis of the skin
JOURNAL   Patent: WO 02053774-A 3936 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
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Query Match
Best Local Similarity  11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 949 TTAATGTAATC 958
Db 2 TTAATGAATC 11

RESULT 761
AX626923/c
LOCUS      AX626923
DEFINITION Sequence 3964 from Patent WO02053774.
ACCESSION AX626923
VERSION    AX626923.1 GI:28454961
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS   Petersohn,D., Conradt,M. and Hofmann,K.
TITLE     Method for determining homeostasis of the skin
JOURNAL   Patent: WO 02053774-A 3964 11-JUL-2002;
           Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES   Location/Qualifiers
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Query Match
Best Local Similarity  11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 920 TTTTTCCTTT 929
Db 11 TTTTTCCTTT 2

RESULT 762
AX627018
LOCUS      AX627018
DEFINITION Sequence 4059 from Patent WO02053774.

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ACCESSION AX627018
VERSION AX627018.1 GI:28455056
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Mammalia; Eutheria; Chordata; Craniata; Vertebrata; Euteleostomi;
          Eukaryota; Metazoa; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4059 11-JUL-2002;
        Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGG 916
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Db 2 ATTTCCTTGG 11

RESULT 763
AX627095/c
LOCUS AX627095 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4136 from Patent WO02053774.
ACCESSION AX627095
VERSION AX627095.1 GI:28455133
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4136 11-JUL-2002;
        Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 910 TTCTTTGGTC 919
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Db 10 TTCTTTGGATC 1

RESULT 764
AX627143/c
LOCUS AX627143 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4184 from Patent WO02053774.
ACCESSION AX627143
VERSION AX627143.1 GI:28455181
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4184 11-JUL-2002;

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 912 CTTTGGTCTT 921
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Db 11 CTTTGGTCTT 2

RESULT 765
AX627247/c
LOCUS AX627247 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4288 from Patent WO02053774.
ACCESSION AX627247
VERSION AX627247.1 GI:28455285
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4288 11-JUL-2002;
        Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGT 918
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Db 10 TTCTTTGGT 1

RESULT 766
AX627308
LOCUS AX627308 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4349 from Patent WO02053774.
ACCESSION AX627308
VERSION AX627308.1 GI:28455346
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4349 11-JUL-2002;
        Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGT 918
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Db 10 TTCTTTGGT 1

RESULT 767
AX627308
LOCUS AX627308 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 4349 from Patent WO02053774.
ACCESSION AX627308
VERSION AX627308.1 GI:28455346
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4349 11-JUL-2002;
        Henkel Kommanditgesellschaft auf Aktien (DE)
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   /db_xref="taxon:9606"
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 909 TTCTCTGGT 918
Db 1 TTCTCTAGT 10

RESULT 767
AX627525 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 4566 from Patent WO02053774.
ACCESSION AX627525
VERSION AX627525.1 GI:28455563
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4566 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 944 TTGGTTTAAT 953
Db 2 TTGGTTTAAT 11

RESULT 768
AX627553/c
LOCUS
DEFINITION Sequence 4594 from Patent WO02053774.
ACCESSION AX627553
VERSION AX627553.1 GI:28455591
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4594 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 TTGGTCTTT 922
Db 10 TTGGTCTTT 1

RESULT 769
AX627611/c
LOCUS
DEFINITION Sequence 4652 from Patent WO02053774.
ACCESSION AX627611
VERSION AX627611.1 GI:28455649

KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4652 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
Db 11 TTTAATTTAT 2

RESULT 770
AX627751/c
LOCUS
DEFINITION Sequence 4792 from Patent WO02053774.
ACCESSION AX627751
VERSION AX627751.1 GI:28455789
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 4792 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 906 CATTTCCTTT 915
Db 10 CATTTCCTTT 1

RESULT 771
AX628114/c
LOCUS
DEFINITION Sequence 5155 from Patent WO02053774.
ACCESSION AX628114
VERSION AX628114.1 GI:28456152
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5155 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)

FEATURES
Location/Qualifiers

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QY 920 TTGTCCTTTT 929
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Db 11 TTGTCATTTT 2

RESULT 772
AX628150 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5191 from Patent WO02053774.
ACCESSION AX628150
VERSION AX628150.1 GI:28456188
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5191 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 915 TGGTCTTTGC 924
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Db 1 TGTCTTTGC 10

RESULT 773
AX628162 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5203 from Patent WO02053774.
ACCESSION AX628162
VERSION AX628162.1 GI:28456200
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5203 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 937 CTCCTTCATTG 946
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Db 11 TTGTCATTTT 2

RESULT 776
AX628925 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5966 from Patent WO02053774.
ACCESSION AX628925
VERSION AX628925.1 GI:28456963
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5966 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGATGAT 957
|||||
Db 11 TTGTCATTTT 2

RESULT 775
AX628920 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5961 from Patent WO02053774.
ACCESSION AX628920
VERSION AX628920.1 GI:28456958
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5961 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 944 TTGCTTTAAT 953
|||||
Db 11 TTGCTTGAAT 2

RESULT 774
AX628235 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5276 from Patent WO02053774.
ACCESSION AX628235
VERSION AX628235.1 GI:28456273
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5276 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 944 TTGCTTTAAT 953
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Db 11 TTGCTTGAAT 2

RESULT 775
AX628920 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5961 from Patent WO02053774.
ACCESSION AX628920
VERSION AX628920.1 GI:28456958
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5961 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match
Best Local Similarity 11.5%; Score 8.4; DB 1; Length 11;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGATGAT 957
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Db 11 TTGTCATTTT 2

RESULT 776
AX628925 11 bp DNA linear PAT 21-FEB-2003
LOCUS
DEFINITION Sequence 5966 from Patent WO02053774.
ACCESSION AX628925
VERSION AX628925.1 GI:28456963
KEYWORDS
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5966 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 937 CTCCTTCATTG 946
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Db 11 TTGTCATTTT 2

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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 5966 11-JUL-2002; (DE)
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QY 948 TTTAATGTAT 957
Db 10 TTTATTGTAT 1

RESULT 777
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LOCUS AX629020 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6061 from Patent WO02053774.
ACCESSION AX629020
VERSION AX629020.1 GI:28457058
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6061 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 908 TTTTCTTTGG 917
Db 2 TTTTGTTTGG 11

RESULT 778
AX629021/c
LOCUS AX629021 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6062 from Patent WO02053774.
ACCESSION AX629021
VERSION AX629021.1 GI:28457059
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6062 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
Db 2 TTTTGTTTGG 11

RESULT 779
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LOCUS AX629302 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6343 from Patent WO02053774.
ACCESSION AX629302
VERSION AX629302.1 GI:28457340
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6343 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
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/db_xref="taxon:9606"

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
Db 2 TTGTCTTTGG 11

RESULT 780
AX629312
LOCUS AX629312 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6353 from Patent WO02053774.
ACCESSION AX629312
VERSION AX629312.1 GI:28457350
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6353 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
Location/Qualifiers
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGGTCTTTG 923
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 919 CTTTGCCCTTT 928
Db 11 CTTTGCAATT 2

RESULT 779
AX629302
LOCUS AX629302 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6343 from Patent WO02053774.
ACCESSION AX629302
VERSION AX629302.1 GI:28457340
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6343 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Location/Qualifiers
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGG 917
Db 2 TTGTCTTTGG 11

RESULT 780
AX629312
LOCUS AX629312 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6353 from Patent WO02053774.
ACCESSION AX629312
VERSION AX629312.1 GI:28457350
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6353 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGGTCTTTG 923
Db 1 TTGTCTTTG 10
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RESULT 781
AX629441/c
LOCUS AX629441 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6482 from Patent WO02053774.
ACCESSION AX629441
VERSION AX629441.1 GI:28457479
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6482 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 933 CCTCCTCTTC 942
Db 11 CCTTCTCTTC 2
RESULT 782
AX629553/c
LOCUS AX629553 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6594 from Patent WO02053774.
ACCESSION AX629553
VERSION AX629553.1 GI:28457591
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6594 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 928 TTATCCCTCC 937
Db 10 TGATCCCTCC 1
RESULT 783
AX629768/c
LOCUS AX629768 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 6809 from Patent WO02053774.
ACCESSION AX629768
VERSION AX629768.1 GI:28457806
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 6809 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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QY 907 ATTTCTTTTG 916
Db 10 ATTTCTTTTG 1
RESULT 784
AX629961/c
LOCUS AX629961 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 7002 from Patent WO02053774.
ACCESSION AX629961
VERSION AX629961.1 GI:28457999
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 7002 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 908 TTTTCTTTTG 917
Db 10 TTTTCTTTTG 1
RESULT 785
AX630061
LOCUS AX630061 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 7102 from Patent WO02053774.
ACCESSION AX630061
VERSION AX630061.1 GI:28458099
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 7102 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
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Qy 943 ATTGGTTTAA 952
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RESULT 786
AX630240/c
LOCUS      AX630240      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 7281 from Patent WO02053774.
ACCESSION  AX630240
VERSION     AX630240.1 GI:28458278
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 7281 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
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Query Match      11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCCTCTTCA 943
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RESULT 787
AX630523
LOCUS      AX630523      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 7564 from Patent WO02053774.
ACCESSION  AX630523
VERSION     AX630523.1 GI:28458561
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 7564 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTTCTTTG 916
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2 ATTTTATTG 11

RESULT 788
AX631041
LOCUS      AX631041      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 8082 from Patent WO02053774.
ACCESSION  AX631041
VERSION     AX631041.1 GI:28459083
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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AX630661
LOCUS      AX630661      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 7702 from Patent WO02053774.
ACCESSION  AX630661
VERSION     AX630661.1 GI:28458699
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 7702 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
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Qy 927 TTTATCCCTC 936
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RESULT 789
AX630771/c
LOCUS      AX630771      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 7812 from Patent WO02053774.
ACCESSION  AX630771
VERSION     AX630771.1 GI:28458809
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS     Petersohn,D., Conradt,M. and Hofmann,K.
TITLE       Method for determining homeostasis of the skin
JOURNAL     Patent: WO 02053774-A 7812 11-JUL-2002;
            Henkel Kommanditgesellschaft auf Aktien (DE)
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 906 CATTTTCTTT 915
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11 CATTTTATT 2

RESULT 790
AX631041
LOCUS      AX631041      11 bp      DNA      linear      PAT 21-FEB-2003
DEFINITION Sequence 8082 from Patent WO02053774.
ACCESSION  AX631041
VERSION     AX631041.1 GI:28459083
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8082 11-JUL-2002; (DE)
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Qy 948 TTTAATGCTAT 957
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 Db 2 TTTAATATAT 11

RESULT 791
 AX631136/c
 LOCUS AX631136 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 8177 from Patent WO02053774.
 ACCESSION AX631136
 VERSION AX631136.1 GI:28459180
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
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 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8177 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Qy 948 TTTAATGCTAT 957
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 Db 10 TTTAATGTTT 1

RESULT 792
 AX631253/c
 LOCUS AX631253 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 8295 from Patent WO02053774.
 ACCESSION AX631253
 VERSION AX631253.1 GI:28459299
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8295 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
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Qy 905 TCATTTTCTT 914
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 Db 10 TCATTTCTT 1

RESULT 793
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 LOCUS AX631294 11 bp DNA linear PAT 21-FEB-2003
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 ACCESSION AX631294
 VERSION AX631294.1 GI:28459340
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8336 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Qy 903 GGTCAATTTTC 912
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 Db 11 GGTCAATTTCC 2

RESULT 794
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 LOCUS AX631616 11 bp DNA linear PAT 21-FEB-2003
 DEFINITION Sequence 8658 from Patent WO02053774.
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 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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REFERENCE
 1
 AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
 TITLE Method for determining homeostasis of the skin
 JOURNAL Patent: WO 02053774-A 8658 11-JUL-2002;
 Henkel Kommanditgesellschaft auf Aktien (DE)

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Qy 920 TTTCCTTTT 929
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 Db 1 TTTCCTTTT 10

RESULT 795
 AX631926
 LOCUS AX631926 11 bp DNA linear PAT 21-FEB-2003

DEFINITION Sequence 8968 from Patent WO02053774.
ACCESSION AX631926
VERSION AX631926.1 GI:28460064
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 8968 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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1. .11
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 919 CTTTGCTTT 928
Db 2 CTTTGCTTT 11
RESULT 796
AX631982
LOCUS AX631982 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9024 from Patent WO02053774.
ACCESSION AX631982
VERSION AX631982.1 GI:28467597
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9024 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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1. .11
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/db_xref="taxon:9606"
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 900 CCTGCTCATT 909
Db 2 CCTGCTTATT 11
RESULT 797
AX632085
LOCUS AX632085 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9127 from Patent WO02053774.
ACCESSION AX632085
VERSION AX632085.1 GI:28467700
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9127 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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1. .11
/organism="Homo sapiens"
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/db_xref="taxon:9606"
Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 905 TCATTTCCTT 914
Db 2 TCATTTCCTT 11
RESULT 798
AX632101
LOCUS AX632101 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9143 from Patent WO02053774.
ACCESSION AX632101
VERSION AX632101.1 GI:28467716
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9143 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
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1. .11
/organism="Homo sapiens"
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/db_xref="taxon:9606"
Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 925 CTTTATCC 934
Db 10 CTTTATCC 1
RESULT 799
AX632218
LOCUS AX632218 11 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 9260 from Patent WO02053774.
ACCESSION AX632218
VERSION AX632218.1 GI:28467833
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Petersohn,D., Conradt,M. and Hofmann,K.
TITLE Method for determining homeostasis of the skin
JOURNAL Patent: WO 02053774-A 9260 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 925 CTTTATCC 934
Db 10 CTTTATCC 1


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FEATURES
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      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match
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  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 905 TCATTTCCTT 914
  ||| ||| ||| ||| |||
Db 2 TCAATTCCTT 11

RESULT 805
AX772264/c
LOCUS AX772264 11 bp DNA linear PAT 02-JUL-2003
DEFINITION Sequence 54 from Patent WO03042407.
ACCESSION AX772264
VERSION AX772264.1 GI:32438837
KEYWORDS
SOURCE Drosophila melanogaster (fruit fly)
ORGANISM Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
REFERENCE
  1 Dickson,B., Berger,J., Suzuki,T. and Knoblich,J.
  Method for identifying therapeutic targets by use of genetic
  screens in drosophila melanogaster
  Patent: WO 03042407-A 54 22-MAY-2003;
  BOEHRINGER INGELHEIM INTERNATIONAL GMBH; CD Patents (DE)
FEATURES
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    Location/Qualifiers
      /organism="Drosophila melanogaster"
      /mol_type="unassigned DNA"
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Query Match
  Best Local Similarity 90.0%; Score 8.4; DB 1; Length 11;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 948 TTTAATGTAT 957
  ||| ||| ||| ||| |||
Db 10 TATAATGTAT 1

RESULT 806
BD174946/c
LOCUS BD174946 11 bp DNA linear PAT 18-MAR-2003
DEFINITION Nucleic acid having deazaadenines and phosphoramidites to
  synthesize this.
ACCESSION BD174946
VERSION BD174946.1 GI:29120640
KEYWORDS JP 2002255992-A/4.
SOURCE synthetic construct
ORGANISM synthetic construct
  artificial sequences.
  1 (bases 1 to 11)
  Saito,I., Okamoto,A. and Tanaka,K.
  Nucleic acid having deazaadenines and phosphoramidites to
  synthesize this
  Patent: JP 2002255992-A 4 11-SEP-2002;
  JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Artificial Sequence
  PN JP 2002255992-A/4
  PD 11-SEP-2002
  PF 02-MAR-2001 JP 2001059076
  PI ISAO SAITO,AKIMITSU OKAMOTO,KAZUO TANAKA
  PC C07H21/04,C07H19/14,C12N15/09,C12N15/00
  CC Description of Artificial Sequence:synthesized nucleotide FH
  Key Location/Qualifiers

FEATURES
  source
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    Location/Qualifiers
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      /mol_type="synthetic construct"
      /db_xref="taxon:32630"

Query Match
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  Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATTGGTTT 950
  ||| ||| ||| ||| |||
Db 11 TTNTTGGTTT 1

RESULT 807
AJ588245
LOCUS AJ588245 11 bp DNA linear PLN 23-OCT-2003
DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone
  352G09.
ACCESSION AJ588245
VERSION AJ588245.1 GI:37937869
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
  1 Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
  Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G.,
  Lepointec,B., Caboche,M. and Lecharny,A.
  T-DNA integration into the Arabidopsis genome depends on sequences
  of pre-insertion sites
  EMBO Rep. 3 (12), 1152-1157 (2002)
FEATURES
  JOURNAL MEDLINE
  PUBMED 12446565
  REFERENCE
  2 (bases 1 to 11)
  Balzerque,S.
  Direct Submission
  Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
  Gaston Cremieux, 91057 Evry cedex, FRANCE
  PCR was performed on DNA from transformants of Arabidopsis thaliana
  plants from INRA (Versailles). The DNA fragment(s) resulting from
  the PCR were directly sequenced from the left or the right border
  to determine the genomic sequence flanking the insertion. T-DNA
  derived sequences were removed. Information to order the
  corresponding mutant line and a link to a database providing a
  graphical display of the insertion site are available at
  http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
  been generated in the framework of the French plant genomics
  program 'genoplante' (http://www.genoplante.com and
  http://genoplante-info.inbio.gen.fr).
FEATURES
  source
    1. .11
    Location/Qualifiers
      /organism="Arabidopsis thaliana"
      /mol_type="genomic DNA"
      /cultivar="Wassilewskija"
      /db_xref="taxon:3702"
      /clone="352G09"
      /clone_lib="Arabidopsis thaliana T-DNA insertion lines"

misc_feature
  1. .11
  /note="T-DNA flanking sequence
  left border"

Query Match
  Best Local Similarity 90.0%; Score 8.4; DB 1; Length 11;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 919 CTTTGCCTTT 928
  ||| ||| ||| ||| |||

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Db          2 CTTTGACTTT 11
RESULT 808
AJ594899/c
LOCUS      Arabidopsis thaliana T-DNA flanking sequence, left border, clone
DEFINITION 407F06.
ACCESSION  AJ594899
VERSION     1 GI:37944523
KEYWORDS   left border; T-DNA flanking sequence.
SOURCE     Arabidopsis thaliana (thale cress)
ORGANISM   Arabidopsis thaliana

REFERENCE 1
AUTHORS    Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,
            Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G.,
            Lepiniec, L., Caboche, M., and Lecharny, A.
TITLE      T-DNA integration into the Arabidopsis genome depends on sequences
            of pre-insertion sites
JOURNAL    EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE    22363535
PUBMED     12446565
REFERENCE 2 (bases 1 to 11)
AUTHORS    Balzerque, S.
TITLE      Direct Submission
JOURNAL    Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
            Gaston Cremieux, 91057 Evry cedex, FRANCE
COMMENT    PCR was performed on DNA from transformants of Arabidopsis thaliana
            plants from INRA (Versailles). The DNA fragment(s) resulting from
            the PCR were directly sequenced from the left or the right border
            to determine the genomic sequence flanking the insertion. T-DNA
            derived sequences were removed. Information to order the
            corresponding mutant line and a link to a database providing a
            graphical display of the insertion site are available at
            http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
            been generated in the framework of the French plant genomics
            program 'Genoplante' (http://www.genoplante.com and
            http://genoplante-info.infobiogen.fr).

FEATURES             source
    misc_feature     1..11
                    /organism="Arabidopsis thaliana"
                    /mol_type="genomic DNA"
                    /cultivar="Massillewskija"
                    /db_xref="taxon:3702"
                    /clone="407F06"
                    /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
                    /notes="T-DNA flanking sequence
                    left border"

    Query Match      11.5%; Score 8.4; DB 1; Length 11;
    Best Local Similarity 90.0%; Pred. No. 4.2e+02;
    Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          930 ATCCCTCCCTC 939
          11 ATCCCTCCCTC 2
Db          A15615
LOCUS      A15615
DEFINITION oligonucleotide.
ACCESSION  A15615
VERSION     A15615.1 GI:489784
KEYWORDS   synthetic construct
SOURCE     artificial sequences.
ORGANISM   1 (bases 1 to 12)
REFERENCE 1

AUTHORS    Carey, N.H., Doel, M.T., Harris, T.J.R., Lowe, P.A. and Emtage, J.S.
TITLE      A process for the production of a polypeptide
JOURNAL    Patent: EP 0068691-A 11 05-JAN-1983;
CELLTECH LIMITED
FEATURES             source
    source           1..12
                    /organism="synthetic construct"
                    /mol_type="unassigned DNA"
                    /db_xref="taxon:32630"

    Location/Qualifiers
    1..12
    11.5%; Score 8.4; DB 1; Length 12;
    Best Local Similarity 90.0%; Pred. No. 4.4e+02;
    Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          938 TCTTCATTGG 947
          11 TCTTCATTGG 12
Db          3 TCATCATTTGG 12

RESULT 810
AR030126/c
LOCUS      AR030126
DEFINITION Sequence 315 from patent US 5861244.
ACCESSION  AR030126
VERSION     AR030126.1 GI:5943340
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS    Wang, C.-G. and Hepburn, A.G.
TITLE      Genetic sequence assay using DNA triple strand formation
JOURNAL    Patent: US 5861244-A 115 19-JAN-1993;
FEATURES             source
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                    /organism="unknown"
                    /mol_type="unassigned DNA"

    Query Match      11.5%; Score 8.4; DB 1; Length 12;
    Best Local Similarity 90.0%; Pred. No. 4.4e+02;
    Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          936 CCTCTTCATT 945
          11 CCTCTTCATT 2
Db          AR074196/c
LOCUS      AR074196
DEFINITION Sequence 4 from patent US 5952490.
ACCESSION  AR074196
VERSION     AR074196.1 GI:10000951
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS    Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
            Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
            Imbach, J. Louis.
TITLE      Oligonucleotides having a conserved G4 core sequence
JOURNAL    Patent: US 5952490-A 4 14-SEP-1999;
FEATURES             source
    source           1..12
                    /organism="unknown"
                    /mol_type="unassigned DNA"

    Query Match      11.5%; Score 8.4; DB 1; Length 12;
    Best Local Similarity 90.0%; Pred. No. 4.4e+02;
    Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY          899 CCCTGGTCAT 908
          11 CCCTGGTCAT 908

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Db      11  CCCCCTCAT 2
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||| |||||

RESULT 812
AR082930
LOCUS      AR082930          12 bp      DNA          linear      PAT 01-SEP-2000
DEFINITION Sequence 15 from patent US 5976792.
ACCESSION AR082930
VERSION    AR082930.1 GI:10009720
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 12)
AUTHORS    Cheung,A. and Fischetti,V.A.
TITLE      Regulation of exoprotein in staphylococcus aureus
JOURNAL    Patent: US 5976792-A 15 02-NOV-1999;
FEATURES   Location/Qualifiers
source     1..12
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      905 TCATTTCTT 914
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|||||
2 TCATCTTCTT 11

Db      905 TCATTTCTT 914
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|||||
2 TCATCTTCTT 11

RESULT 813
AR083488
LOCUS      AR083488          12 bp      DNA          linear      PAT 01-SEP-2000
DEFINITION Sequence 27 from patent US 5976873.
ACCESSION AR083488
VERSION    AR083488.1 GI:10010263
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 12)
AUTHORS    Bohinski,R.J. and Whitsett,J.A.
TITLE      Nucleic acid sequences controlling lung cell-specific gene
JOURNAL    Patent: US 5976873-A 27 02-NOV-1999;
FEATURES   Location/Qualifiers
source     1..12
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      917 GTCTTTCCT 926
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|||||
3 GTGTTTCCT 12

Db      917 GTCTTTCCT 926
|||||
|||||
3 GTGTTTCCT 12

RESULT 814
AR094984
LOCUS      AR094984          12 bp      DNA          linear      PAT 08-SEP-2000
DEFINITION Sequence 22 from patent US 6001990.
ACCESSION AR094984
VERSION    AR094984.1 GI:10022421
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 12)
AUTHORS    Wands,J.R., Wakita,T. and Moradpour,D.

TITLE      Antisense inhibition of hepatitis C virus
JOURNAL    Patent: US 6001990-A 22 14-DEC-1999;
FEATURES   Location/Qualifiers
source     1..12
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      913 TTGTGCTTT 922
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|||||
1 TTGTGTTTT 10

Db      913 TTGTGCTTT 922
|||||
|||||
1 TTGTGTTTT 10

RESULT 815
AR101001
LOCUS      AR101001          12 bp      DNA          linear      PAT 14-FEB-2001
DEFINITION Sequence 89 from patent US 6083693.
ACCESSION AR101001
VERSION    AR101001.1 GI:12811799
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 12)
AUTHORS    Nandabalan,K. and Rothberg,J.Marc.
TITLE      Identification and comparison of protein-protein interactions that
JOURNAL    Patent: US 6083693-A 89 04-JUL-2000;
FEATURES   Location/Qualifiers
source     1..12
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match      11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      935 TCCTCTTCAT 944
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|||||
2 TACTCTTCAT 11

Db      935 TCCTCTTCAT 944
|||||
|||||
2 TACTCTTCAT 11

RESULT 816
BD242522
LOCUS      BD242522          12 bp      DNA          linear      PAT 17-JUL-2003
DEFINITION A system for cell based screening.
ACCESSION BD242522
VERSION    BD242522.1 GI:33052292
KEYWORDS   JP 2002528136-A/28.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 12)
AUTHORS    Guiliano,X.A., Bright,G., Olson,K. and Tencza,S.B.
TITLE      A system for cell based screening
JOURNAL    Patent: JP 2002528136-A 28 03-SEP-2002;
COMMENT    CELLOMICS INC
OS         Artificial Sequence
PN         JP 2002528136-A/28
PD         03-SEP-2002
PF         29-OCT-1999 JP 2000579780
PR         30-OCT-1998 US 60/106308,26-MAY-1999 US 60/136078 PI
PR         KENNETH A GUILIANO,GARY BRIGHT,KEITH OLSON,SARAH BURROUGHS PI
TENCZA
PC         C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/02,C12Q1/
PC         37,G01N33/15,
PC         G01N33/50,C12N15/00,C12N5/00
CC         Description of Artificial Sequence: proCaspase-1 substrate
CC         recognition
CC         sequence
```

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FH Key Location/Qualifiers
FT source 1..12 /organism='Artificial Sequence'
FEATURES
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        /db_xref='taxon:32630'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGGTTTAATG 954
Db 1 TGGTTTAAAG 10

RESULT 817
LOCUS I20441/c 12 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 20 from patent US 5514577.
ACCESSION I20441
VERSION I20441.1 GI:1600796
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Draper,K.G., Crooke,S.T., Mirabelli,C.K., Ecker,D.J., Hanecak,R.C.,
Anderson,K.P., Brown-Driver,V.L. and Wyatt,J.R.
TITLE Oligonucleotide therapies for modulating the effects of herpes
viruses
JOURNAL Patent: US 5514577-A 20 07-MAY-1996;
FEATURES
    source Location/Qualifiers
        1..12 /organism='unknown'
        /mol_type='unassigned DNA'

Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 899 CCTGGTGCAT 908
Db 11 CCCGGGTGCAT 2

RESULT 818
LOCUS I33672 12 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 5 from patent US 5593859.
ACCESSION I33672
VERSION I33672.1 GI:1824463
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Prockop,D.J., Ala-Kokko,L., Fertala,A., Sieron,A., Kivirikko,K.I.,
Geddis,A. and Pihlajaniemi,T.
TITLE Synthesis of human procollagens and collagens in recombinant DNA
systems
JOURNAL Patent: US 5593859-A 5 14-JAN-1997;
FEATURES
    source Location/Qualifiers
        1..12 /organism='unknown'
        /mol_type='unassigned DNA'

Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

FH Key Location/Qualifiers
FT source 1..12 /organism='Artificial Sequence'
FEATURES
    source Location/Qualifiers
        1..12 /organism='synthetic construct'
        /mol_type='genomic DNA'
        /db_xref='taxon:32630'
Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGGTTTAATG 954
Db 1 TGGTTTAAAG 10

RESULT 819
LOCUS AR199330/c 12 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 39 from patent US 6355428.
ACCESSION AR199330
VERSION AR199330.1 GI:20249404
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Schroth,G.P., Bruice,T.Wayne, and Suh,Y.J.
TITLE Nucleic acid ligand interaction assays
JOURNAL Patent: US 6355428-A 39 12-MAR-2002;
FEATURES
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        /mol_type='unassigned DNA'

Query Match 11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCTTTGG 917
Db 10 TTTTCTTTGG 1

RESULT 820
LOCUS AR217447 12 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 55 from patent US 6416959.
ACCESSION AR217447
VERSION AR217447.1 GI:23317140
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Giuliano,K. and Kapur,R.
TITLE System for cell-based screening
JOURNAL Patent: US 6416959-A 55 09-JUL-2002;
FEATURES
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Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGGTTTAATG 954
Db 1 TGGTTTAAAG 10

RESULT 821
LOCUS AR218380/c 12 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 39 from patent US 6420109.
ACCESSION AR218380
VERSION AR218380.1 GI:23319077
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 12)
AUTHORS Schroth,G.P., Bruice,T.W. and Suh,Y.J.

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<p>QY Nucleic acid ligand interaction assays JOURNAL Patent: US 6420109-A 39 16-JUL-2002; FEATURES Location/Qualifiers 1..12 /organism="unknown" /mol_type="genomic DNA"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 908 TTTTCTTTGG 917 10 TTTTCTTTGG 1</p> <p>Db</p> <p>RESULT 822 AXR371434 LOCUS AR371434 12 bp DNA linear PAT 12-SEP-2003 DEFINITION Sequence 89 from patent US 6395478. ACCESSION AR371434 VERSION AR371434.1 GI:34608368 KEYWORDS . SOURCE Unknown. ORGANISM Unknown. REFERENCE 1 (bases 1 to 12) AUTHORS Nandabalan,K. and Rothberg,J.M. TITLE Identification and comparison of protein-protein interactions that occur in populations and identification of inhibitors of these interactors JOURNAL Patent: US 6395478-A 89 28-MAY-2002; FEATURES Location/Qualifiers 1..12 /organism="unknown" /mol_type="genomic DNA"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 935 TCTCTCTTCAT 944 2 TACTCTTCAT 11</p> <p>Db</p> <p>RESULT 823 AX032558/c LOCUS AX032558 12 bp DNA linear PAT 20-SEP-2000 DEFINITION Sequence 4 from Patent EP1016715. ACCESSION AX032558 VERSION AX032558.1 GI:10279496 KEYWORDS . SOURCE unidentified ORGANISM unidentified REFERENCE 1 AUTHORS Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J., Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and Wyatt,J.R. TITLE Oligonucleotides having a conserved g4 core sequence JOURNAL Patent: EP 1016715-A 4 05-JUL-2000; FEATURES Location/Qualifiers 1..12 /organism="unidentified" /mol_type="unassigned DNA" /db_xref="taxon:32644"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p>	<p>QY 899 CCCTGGTCAT 908 11 CCCCAGTCAT 2</p> <p>Db</p> <p>RESULT 824 AX098957/c LOCUS AX098957 12 bp DNA linear PAT 02-APR-2001 DEFINITION Sequence 20 from Patent WO0120026. ACCESSION AX098957 VERSION AX098957.1 GI:13538167 KEYWORDS . SOURCE synthetic construct ORGANISM synthetic construct REFERENCE 1 AUTHORS Wojnowski,L. and Hustert,E. TITLE Polymorphisms in the human hpxr gene and their use in diagnostic and therapeutic applications JOURNAL Patent: WO 0120026-A 20 22-MAR-2001; FEATURES Location/Qualifiers 1..12 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="artificial sequence"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 941 TCATTGGTTT 950 10 TCATTGGTTT 1</p> <p>Db</p> <p>RESULT 825 AX136982/c LOCUS AX136982 12 bp DNA linear PAT 30-MAY-2001 DEFINITION Sequence 56 from Patent EP1088900. ACCESSION AX136982 VERSION AX136982.1 GI:14273329 KEYWORDS . SOURCE synthetic construct ORGANISM synthetic construct REFERENCE 1 AUTHORS Hustert,E., Wojnowski,L. and Eiselst,R. TITLE Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their use in diagnostic and therapeutic applications JOURNAL Patent: EP 1088900-A 56 04-APR-2001; FEATURES Location/Qualifiers 1..12 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="DNA"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 941 TCATTGGTTT 950 10 TCATTGGTTT 1</p> <p>Db</p> <p>RESULT 826 AX283295/c LOCUS AX283295 12 bp DNA linear PAT 20-NOV-2001 DEFINITION Sequence 59 from Patent WO0179249.</p>
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<p>QY Nucleic acid ligand interaction assays JOURNAL Patent: US 6420109-A 39 16-JUL-2002; FEATURES Location/Qualifiers 1..12 /organism="unknown" /mol_type="genomic DNA"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 908 TTTTCTTTGG 917 10 TTTTCTTTGG 1</p> <p>Db</p> <p>RESULT 822 AXR371434 LOCUS AR371434 12 bp DNA linear PAT 12-SEP-2003 DEFINITION Sequence 89 from patent US 6395478. ACCESSION AR371434 VERSION AR371434.1 GI:34608368 KEYWORDS . SOURCE Unknown. ORGANISM Unknown. REFERENCE 1 (bases 1 to 12) AUTHORS Nandabalan,K. and Rothberg,J.M. TITLE Identification and comparison of protein-protein interactions that occur in populations and identification of inhibitors of these interactors JOURNAL Patent: US 6395478-A 89 28-MAY-2002; FEATURES Location/Qualifiers 1..12 /organism="unknown" /mol_type="genomic DNA"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 935 TCTCTCTTCAT 944 2 TACTCTTCAT 11</p> <p>Db</p> <p>RESULT 823 AX032558/c LOCUS AX032558 12 bp DNA linear PAT 20-SEP-2000 DEFINITION Sequence 4 from Patent EP1016715. ACCESSION AX032558 VERSION AX032558.1 GI:10279496 KEYWORDS . SOURCE unidentified ORGANISM unidentified REFERENCE 1 AUTHORS Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J., Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and Wyatt,J.R. TITLE Oligonucleotides having a conserved g4 core sequence JOURNAL Patent: EP 1016715-A 4 05-JUL-2000; FEATURES Location/Qualifiers 1..12 /organism="unidentified" /mol_type="unassigned DNA" /db_xref="taxon:32644"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p>	<p>QY 899 CCCTGGTCAT 908 11 CCCCAGTCAT 2</p> <p>Db</p> <p>RESULT 824 AX098957/c LOCUS AX098957 12 bp DNA linear PAT 02-APR-2001 DEFINITION Sequence 20 from Patent WO0120026. ACCESSION AX098957 VERSION AX098957.1 GI:13538167 KEYWORDS . SOURCE synthetic construct ORGANISM synthetic construct REFERENCE 1 AUTHORS Wojnowski,L. and Hustert,E. TITLE Polymorphisms in the human hpxr gene and their use in diagnostic and therapeutic applications JOURNAL Patent: WO 0120026-A 20 22-MAR-2001; FEATURES Location/Qualifiers 1..12 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="artificial sequence"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 941 TCATTGGTTT 950 10 TCATTGGTTT 1</p> <p>Db</p> <p>RESULT 825 AX136982/c LOCUS AX136982 12 bp DNA linear PAT 30-MAY-2001 DEFINITION Sequence 56 from Patent EP1088900. ACCESSION AX136982 VERSION AX136982.1 GI:14273329 KEYWORDS . SOURCE synthetic construct ORGANISM synthetic construct REFERENCE 1 AUTHORS Hustert,E., Wojnowski,L. and Eiselst,R. TITLE Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their use in diagnostic and therapeutic applications JOURNAL Patent: EP 1088900-A 56 04-APR-2001; FEATURES Location/Qualifiers 1..12 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="DNA"</p> <p>Query Match 11.5%; Score 8.4; DB 1; Length 12; Best Local Similarity 90.0%; Pred. No. 4.4e+02; Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>QY 941 TCATTGGTTT 950 10 TCATTGGTTT 1</p> <p>Db</p> <p>RESULT 826 AX283295/c LOCUS AX283295 12 bp DNA linear PAT 20-NOV-2001 DEFINITION Sequence 59 from Patent WO0179249.</p>
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ACCESSION      AX283295
VERSION        AX283295.1 GI:17044176
KEYWORDS
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE
AUTHORS        Uhlmann,E., Breipohl,G. and Will,D.W.
TITLE          Polyamide nucleic acid derivatives, agents and methods for
               producing the same
JOURNAL        Patent: WO 0179249-A 59 25-OCT-2001;
               Aventis Pharma Deutschland GmbH (DE)
FEATURES
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RESULT 827
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DEFINITION     Sequence 75 from Patent WO0194600.
ACCESSION      AX351123
VERSION        AX351123.1 GI:18616477
KEYWORDS
SOURCE         Escherichia coli
ORGANISM       Escherichia coli
REFERENCE
AUTHORS        Kim,J.P., Starr,D.B., Tam,A.W., Laurance,M.E., Michelotti,B.F.,
               Veiligan,M.D., Latour,D.R., Thomas,R.L., Kongpachith,A.,
               Sheppard,L.T., Lim,M.Y. and Bruice,T.W.
               Promoters for regulated gene expression
               Patent: WO 0194600-A 75 13-DEC-2001;
               GENELABS TECHNOLOGIES, INC. (US)
TITLE          GENELABS TECHNOLOGIES, INC. (US)
JOURNAL
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RESULT 828
LOCUS          AX766766
DEFINITION     Sequence 55 from Patent EP1314980.
ACCESSION      AX766766
VERSION        AX766766.1 GI:32260527
KEYWORDS
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE

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AUTHORS        Giuliano,K.A. and Kapur,R.
TITLE          A system for cell-based screening
JOURNAL        Patent: EP 1314980-A 55 28-MAY-2003;
               Cellomics, Inc. (US)
FEATURES
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RESULT 829
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DEFINITION     Synthesis of human procollagens and collagens in recombinant DNA.
ACCESSION      BD175829
VERSION        BD175829.1 GI:29121531
KEYWORDS
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
REFERENCE
AUTHORS        Prockop,D.J., Kokko,L.A., Fertala,A., Sieron,A., Kivirikko,K.I. and
               Geddiss,A.
TITLE          Synthesis of human procollagens and collagens in recombinant DNA
JOURNAL        Patent: JP 2002255999-A 2 11-SEP-2002;
               THOMAS JEFFERSON UNIVERSITY
               CS Homo sapiens (human)
               PN JP 2002255999-A/2
               PD 11-SEP-2002
               PF 12-DEC-2001 JP 2001379164
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               PI DARWIN J PROCKOP, LENNA ALA KOKKO, ANDRZEJ FERTALA, ALEKSANDER
               PI KARI I KIVIRIKKO, AMY GEDDIS
               PC C07K14/78, A61K38/17, A61P9/00, A61P13/12, A61P19/08, A61P19/10, PC
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